

AibGenesis™ Mouse Anti-APBA2 Antibody (CBMOAB-35961FYA)

Cat. No.: CBMOAB-35961FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO35961FYA
Specificity	This antibody binds to Rhesus APBA2.
Format	Liquid or Lyophilized
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use
Purity	> 90% was determined by SDS-PAGE
Purification	Purified with Protein A or G affinity chromatography

Application-Information

Application	WB, ELISA
Application Notes	ELISA: 1:1000-1:3000 Other applications are to be developed. The optimal dilution should be determined by the end user.

Target

Introduction	The protein encoded by this gene is a member of the X11 protein family. It is a neuronal adapter protein that interacts with the Alzheimer's disease amyloid precursor protein (APP). It stabilizes APP and inhibits production of proteolytic APP fragments including the A beta peptide that is deposited in the brains of Alzheimer's disease patients. This gene product is believed to be involved in signal transduction processes. It is also regarded as a putative vesicular trafficking protein in the brain that can form a complex with the potential to couple synaptic vesicle exocytosis to neuronal cell adhesion. (From NCBI)
Product Overview	Mouse Anti-Rhesus APBA2 Antibody is a mouse antibody against APBA2. It can be used for APBA2 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.

Protein Refseq

The length of the protein is 748 amino acids long.

The sequence is show below: MAHRKRENAGSGMLDHRVRPGVPVPHSQEPESDMEPLLEGYVPEGLELA
ALRPESPTPEE QECHNHSPDGDSSSDYVNNTSEEEDYDEGLPEEEEGITYYIRYCPEDDSYLEGMDCNGE
E YLAHGAHPVDTECQEAVEEWTDSAGPHPHGHEAEGSQDYPDQQLPIPEDEPSVLEAHDQ EEDGHYC
PSKEGYQDYYPEEANGNTGASPYRLRRGDGDLEDQEEDIDQIVAEIKMSLSMT SITSASEASPEHGSELGP
GDSAEAFPIKASCSPSRHEARPKSLNLPPEAKHPGDPQGRGFPKPKTRTPEERPKWLPEQVCNGLEQPRK
QQRSDLNGPVDNNNIPETKKVASFSPFVAVPGP CEPEDLIDGIIFAANYLGSTQLLSERNPSKNIRMMQAE
AVSRVKVEKAAKIKKKANSEG DAQTLTEVDLFISTQRIKVLNADTQETMMDHALRTISYIADIGNIVLMARR
RMPRSASQ DCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQK EYS
DIINTQEMYNDLIHFSNSENCKELQLEKHKGEILGVVVVESGWGSILPTVILANMM NGGPAARSGKLSIGD
QIMSINGTSLVGLPLATCQGIKGLKNQTVKLNIVSCPPVTTVL IKRPDLKYQLGFSVQNGIICSLMRGGIAE
RGGVRVGHRIIEINGQSVVATAHEKIVQALS NSVGEIHMKTMPAAMFRLLTGQETPLYI.

Sub Cat	Clonalit y	Species	Reactivity	Applicatio n	Clone	Conjugate	Size
MO-AB-01084	Monoclonal	Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	MO01084	Unconjugated; also available for Biotin; HRP; FITC and othe	100 μ	
W	al			W	r labeled form.		g

Protein Refseq: The length of the protein is 749 amino acids long.							
The sequence is show below: MAHRKRENAGSGMLDHRVRPGVPVPHSQEPESDMEPLLEGYVPEGLELAALRPESPTPEEQECHNHSPDGDSSSDYVNNTSEEEDYDEGLPEEEEGITYYIRYCPEDDSYLEGMDCNGEEYLAHGAHPVDTECQEAVEEWTDSAGPHPHGHEAEGSQDYPDQQLPIPEDEPSVLEAHDQEEDGHYCP							
PSKEGYQDYYPEEANGNTGASPYRLRRGDGDLEDQEEDIDQIVAEIKMSLSMTSITSASEASPEHGPELGP							
GDSAEACPIKA SCSPSRHEARPKSLNLPPEAKHPGDPQGRGFPKPKTRTPEERPKWLPEQVCNGLEQPRKQQRSDLNGPVDNNNIPETKKVASF							
PSFVAVPGP CEPEDLIDGIIFAANYLGSTQLLSERNPSKNIRMMQAEAVSRVKRMQKAAKIKKKANSEGDAQTLTEVDLFISTQRIKVLNADTQET							
MM DHALRTISYIADIGNIVLMARRRRMPRSASQDCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQ KEYS							
DIINTQEMYNDLIHFSNSENCKELQLEKHKGEILGVVVVESGWGSILPTVILANMMNGGPAARSGKLSIGDQIMSINGTSLVGLP LATCQGIKGLK							
NQTQVKLNIVSCPPVTTVLIKRPDLKYQLGFSVQNGIICSLMRGGIAERGGVRVGHRIIEINGQSVVATAHEKIVQAL SNSVGEIHMKTMPAAMFRLLTGQETPLYI.							
MO-AB-01478	Monoclonal	Frog (<i>Xenopus laevis</i>)	WB, ELISA	MO01478	Unconjugated; also available for Biotin; HRP; FITC and othe	100 μ	
H	al			C	r labeled form.		g

Protein Refseq: The length of the protein is 736 amino acids long.							
The sequence is show below: MENRKCQSTMASIMDQRPRSCPPSPHAMDPGSEESVYEEVIVPDFVNSRKS							
SRHMSNTQEDHDCNDNSGDGDS SSDYVNNTSDEEYDEGLP DEEEGITYYIRYCPEDDSYLEGMDCNGEECIQHEENHIETDECVEAVEDEWTESKIQQQHCIDTETEEENQMNALG							
EDSSLEVHDQVGEA HFSENEEGYQDYYSPEANGNSLPPSPFPIRKGDGETEEPEEDIDQIVAEIKISMSMSSINSTTDT							
SPEHNVTVENAKDLKEI CQTLDSGH CASRHNGRPKSLNIPSASKPAIELQRGYKAKARTPEERQKWVPEQVCNSVDQPRKQQRSDLNGLVDNNNVQEQTKKVASFSPFV							
DVPGPC EPEDLIDGIIFAANFLGSTQLLSERNPSKNIRMMQAEAVSRVKNSEGSQTLTEVDLFISTQRIKVLNADTQETMMDHALRTISYIADI G							

Sub Cat	Clonalit y	Species Reactivity	Applicatio n	Clone	Conjugate	Size
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NIVVLMARRRMPRSASQDCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQKEYSDIINTQEMY NDDLIHF
SNSANCKELQVEKLKGEILGVVIVESGWGSILPTVILANMMNGGPAARSGKLSIGDQIMSINGTSLVGLPLATCQGIIKGLKN QTQLKLNIVSCPPVT
TVLIKRPDLKYQLGFSVQNGIICSLMRGGIAERGGVRVGHRIIEINGQSVVATAHEKIVQALSNSVGEIHMKTMP AAMFRLLTGQETPLYI.

MO-AB-07461 Monoclonal	Cattle (<i>Bos taurus</i>)	WB, ELISA	MO07461	Unconjugated; also available for Biotin; HRP; FITC and othe 100 µg
R	al		R	r labeled form.

Protein Refseq: The length of the protein is 530 amino acids long.

The sequence is show below: MAHRKRQSVASSLLDHRARPGPEPESEDAELALEEYVPTDLELAALRPESPVPAEQGGPDQSPDGDSSSDYVN
NTSEEDYDEGLPEEEEE GITYYIRYCPEDDSYLQGTDCDGGQYLAHDTRHLETDECQEAVEEWTEPTGPHAHGHSDPGSPGYRDGHLSPED
EASVLDSRDQEEDVH YCPSEEAYQDYYPAEANGNAGSTSPYRPRRRDGPEDQEEDIDQIVAEIKMSLSMSSITSGGEASPEHAPRGPEP.

MO-AB-12359 Monoclonal	Chimpanzee (<i>Pan troglodytes</i>)	WB, ELISA	MO12359	Unconjugated; also available for Biotin; HRP; FITC and othe 100 µg
W	al		W	r labeled form.

Protein Refseq: The length of the protein is 737 amino acids long.

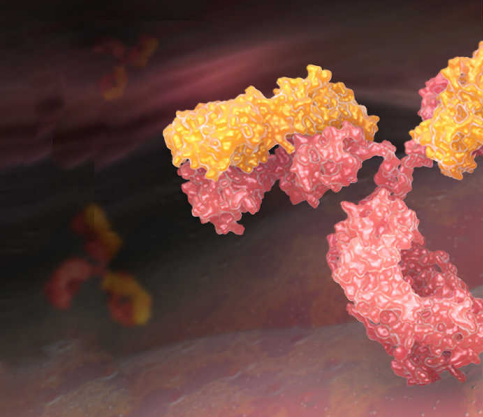
The sequence is show below: MAHRKLESVGSAMLDHRVRPGVPVPHSQEPESEDMELPLEGYVPEGLELAALRPESPAPEEQECHNHSPDGDSS
SDYVNNTSEEDYDEGL PEEEEGITYYIRYCPEDDSYLEGMDCNGEEYLAHSAHPVDTECQEAVEEWTDGAGPHPHGHEAEGSQDYPDGQL
PIPEDEPSVLEAHDQ EEDGHYCASKEGYQDYYTEANGNTGASPYRLRRRDGDLEDQEEDIDQIVAEIKMSLSMSTSASEASPEHGPEPEPE
DSAEACPPIKA SCSPSRHGARPMSLNLPEAKHPGDPQGRGFKPKTRTPEERPKWPHEQVCNGLEQPRKQQRSDLNQVDPDNNIPETKKVASFP
SFVAVPGP CEPEDLIDGIIFAANYLGSTQLLSERNPSKNIRMMQAQEAUSRVKNSEGDAQTLTEVDLFISTQRIKVLNADTQETMMDHALRTISYIA
DIGNIVVLMARRRMPRSASQDCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQKEYSDIINTQEM YNDL
IHFSNSENCKELQLEKHKGEILGVVVIVESGWGSILPTVILANMMNGGPAARSGKLSIGDQIMSINGTSLVGLPLATCQGIIKGLK NQTQVKLNIVSC
PPVTTVLIKRPDLKYQLGFSVQNGIICSLMRGGIAERGGVRVGHRIIEINGQSVVATAHEKIVQALSNSVGEIHMKTMPAAMFRLLTGQETPLYI.

MO-AB-51047 Monoclonal	Marmoset	WB, ELISA	MO51047	Unconjugated; also available for Biotin; HRP; FITC and othe 100 µg
W	al		W	r labeled form.

Protein Refseq: The length of the protein is 751 amino acids long.

The sequence is show below: MAHRKRESTGSSMLDHRVRPGVPVPHSQEAGSKDMELPLEGYVPEGLELAALRPESPTPEEQECHNHSPDGDSS
SSDYVNNTSEEDYDEGL PEEEEGITYYIRYCPEDDSYLEGMDCNGEEYLAHGTHPVDTDECQEAVEDWTDGAGPHPHGHGAEGSQDYPDGH
LPIPEDEPSVLEADDQ EEDGPHCPSKEGYQDYPTASGNTSASPYRLRRRDGDLEDQEEDIDQIVAEIKMSLSMSTSASEASPEHGPEPEPG
DSAEACLPSKA SCSPSRHEARPKSLNLPPEAKHPIDPQGRGFKPKTRTPEERPKWPHEQVCNGLEQPRKQQRSDLNQVDPDNNIPETKKVASFP
SFVAVPGP CEPEDLIDGIIFAANYLGSTQLLSERNPSKNIRMMQAQEAUSRVKVERMQAAKIKKKANSEGDTQTLTEVDLFISTQRIKVLNADTQE
T MMDHALRTISYIADIGNIVVLMARRRMPRSASQDCIETTPGAQEGKKQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQKEY
SDIINTQEMYNDLHFSNSENCKELQLEKHKGEILGVVVIVESGWGSILPTVILANMMNGGPAARSGKLSIGDQIMSINGTSLVGLPLATCQGIIKGL

Sub Cat	Clonalit y	Species	Reactivity	Applicatio n	Clone	Conjugate	Size
KNQTQVKLNIVSCPPVTTVLIKRPDLKYQLGFSVQNGIICSLMRGGIAERGGVRVGHRIEINGQSVVATAHEKIVQ ALSNSVGEIHMKTMPAAMFR LLTGQETPLYI.							



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.