

AibGenesis™ Mouse Anti-APBA1 Antibody (CBMOAB-35959FYA)

Cat. No.: CBMOAB-35959FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO35959FYA
Specificity	This antibody binds to Rhesus APBA1.
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 APBA1 Antibody is a mouse antibody against APBA1. It can be used for APBA1 detection in Western Blot, Enzyme-Linked Immunosorbent Assay.

Protein Refseq

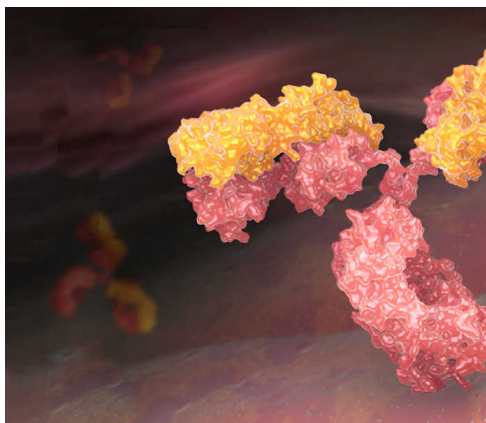
The length of the protein is 839 amino acids long.

The sequence is show below: MNHLEGSAAEVEVTDEAAGGEVNESVEADLEHPDVEEEQQQPPQQQHYA
GRHQRGGALED LRAQLGQEEEEERGECLERSASTESGFHNHTDTAEGDVIAAARDGYDAERAQDPEDESA
YA VQYRPEAEEYTEQAEAEHAEATHRPALPNHLHFHSLEHEEAMNAAYSGYVYTHRLFHRGE DEPYAEPY
ADYGGGLQEHVYEEIGDAPELDARDGLRLYEQEPDEAAAYRQEALGARLHHYD ERSDGESDSPEKEAEFAP
YPRMDSYEQEEDIDQIVAEVKQSMSSQSLDKAAEDMPEAEQD LERPPTPTGGRPDSPGLQAPAGQQRAT
GPAGGGEAGQRYRSKEKRDAISLAIKDIEAIEE VKTRTIRSPYTPDEPKEPIWVMRQDISPTRDCDDQRPMD
GGSPSPGSSSPLGAESSGTPL HPSDPAEASTNKESRKSLASFPTYVEVP GTTGQSPRALRPLSPRALGTA
ELHGRSSGPGI SSKLSLQILSNYSVPVMAQKLAKSRKKAPEGESQPMTEVDLFISTQRIKVLNADTQETMM
DHPLRTISYIADIGNIVVLMARRRMPRSNSQENVEASHPSQDGKRQYKMICHVFESEDAQ LIAQSIGQAFSV
AYQEFLRANGINPEDLSQKEYSDLLNTQDMYNDLLIHFSSKENCKDVF IEKQKGEILGVVIVDRAVTPAWA
LKACRQAVGPTENSVWLLLPLVLPFVYSVCLSGHH THCTLFMFKGLKNQSRVKLNIVRCPPVTTVLIRRPD
LRYQLGFSVQNGIICSLMRGGIAE RGGVRVGHRIEINGQSVVATPHEKIVHILSNVAVGEIHMKTMPAAMYRL
LTAQEQPVYI.

Sub Cat	Clonalit	Species	Reactiv	Applicatio	Clone	Conjugate	Size
	y	ity	n				
MO-AB-51044	Monoclonal	Marmoset	WB, ELISA	MO51044	Unconjugated; also available for Biotin; HRP; FITC and other la		100 µg
W	I			W	beled form.		

Protein Refseq: The length of the protein is 837 amino acids long.

The sequence is show below: MNHLEGSAAEVEVTDEAAGGEVNESVEADLEHPEVEEEQQPLPQQQHYASRHRQGRALEDLRAQLGQEEEEERG
ECLARSASTESGFHNHTD TAEGDVIAAARDGYDAERAQDPEDESAYAVQYRPEAEEYTEQAEAEHAEATHRHALPNHLHFHSLEHEEAMNAAYS
GYVYTHRLFHRSED EPYAEPYADYGGGLQEHVYEEIGDAPELDARDGLRLYEQEHDEAAAYRQEALGARLHHYDERSDGESDSPEKEAEFAPYP
RMDSYEQEEDI DQIVAEVKQSMSSSHSLDKAAEDMPEAEQDLERPPTPVGGRPDSPGLQTPAGQQRATGPAGSGEAGQRYRSKEKRDAISLAIKDI
KEAIEEV KTRTIRSPYTPDEPKEPIWVMRQDISPTRDCDDQRPMDGDSPPSGSSSPLGAESSSTPLHPSDPAEASTNKESRKSLASFPTYVEVPG
PC DPEDLIDGIIFAANYLGSTQLLSDKTPSKNVRMMQAEAVSRIKMAQKLAKSRKKAPEGETQPMTEVDLFISTQRIKVLNADTQETMMDH PLR
TISYIADIGNIVVLMARRRMPRSNSQENVEASHPSQDGKRQYKMICHVFESEDAQLIAQSIGQAFSVAYQEFLRANGINPEDLSQKE YSDLLNTQD
MYNDLLIHFSSKENCKDVFIEKQKGEILGVVIVESGWSILPTVIIANMMHGGPAEKSGKLNIGDQIMSINGTSLVGLPLS TCQSIKGLKNQSRVKL
NIVRCPPVTTVLIRRPDLRYQLGFSVQNGIICSLMRGGIAERGGVRVGHRIEINGQSVVATPHEKIVHILSN AVGEIHMKTMPAAMYRLLTAQEQPV
YI.



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.