AibGenesis™ Mouse Anti-ANKS1B Antibody (CBMOAB-35803FYA)

Cat. No.: CBMOAB-35803FYA

Specifications

Host species	Mouse (*Mus musculus*)
Clone	MO35803FYA
Specificity	This antibody binds to Rhesus ANKS1B.
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	This gene encodes a multi-domain protein that is predominantly expressed in brain and testis. This protein interacts with amyloid beta protein precursor (AbetaPP) and may have a role in normal brain development, and in the pathogenesis of Alzheimer's disease. Expression of this gene has been shown to be elevated in patients with pre-B cell acute lymphocytic leukemia associated with t(1;19) translocation. Alternatively spliced transcript variants encoding different isoforms (some with different subcellular localization, PMID:15004329) have been described for this gene. (From NCBI)
Product Overview	Mouse Anti-Rhesus ANKS1B Antibody is a mouse antibody against ANKS1B. It can be used for ANKS1B detection in Western Blot, Enzyme-Linked Immunosorbent Assay.

Protein Refseq	The length of the protein is 750 amino acids long. The sequence is show below: MEIVPSASLDTFPSENENFLCDLMDTAVTKKPCSLEIARAPSPRTDNASEVAI TTPGTSN HRNSSTGPTPDCSPPSPDTALKNIVKVIRPQPKQRTSIVSSLDFHRMNHNQEYFEINTST GCTS FTASPPASPPTSSVGTTEVKNEGTKHTDDLSQQDDNDPPKEYDPEQFAGLLHGSSP ACESPENPFHLYGK REQCEKGQDEVSLANSPLPFKQSPIENNSEPLVKKIKPKVVSRTIF HKKSNQLENHTIVGTRSTRSGSRNG DQWVMNTGGFVERACTLGRIRSLPKALIDMHLSKN VSKSDSDLIAYPSNEKTSRVNWSESSTAEHSSKGN SERTPSFTSEWEEIDKIMSSIDVGI NNELKEINGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGS NVMEDQDLLEIGIL NSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMDLLK K IWEVELINVLKINLIGHRKRILASLGDRLHDDPPQKPPRSITLRTGDWGEPSITLRPPNE ATASTPVQYWQ HHPEKLIFQSCDYKAFYLGSMLIKELRGTESTQDACAKMRVMCVKSTEQ MKKVPTIILSVSYKGVKFIDATN KNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHH YCHVFTAFDVNLAYEIILTLGQAFEVAYQLALQARKGG HSSTLPESFENKPSKPIPKPRV SIRKSVDLLHASHTGQEPSERHNEEALRKF.

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size
CBMOAB-65874FYA	Monoclonal	Zebrafish (*Danio rerio*)	WB, ELISA	MO65874FYA	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 1281 amino acids long.

The sequence is show below: MGKEQELLEAARTGNVGLVEKLLSGKKGLLGSGSGSIPLPGLLSMWRGLNVNCVDGSGYTPLHHASLNGHRDV VLKLLQFEASTNVSDSK GCFPLHLAAWRGDVDIVQILIHHGPSHSRVNEQNLEKETALHCAAQYGHSEVVRVLLQELTDPSMRNSRGETPLDLAA LYGRLQVVRMLL TAHPNLMSCNTRKHTPLHLAARNGHYATVQVLLEADMDVNTQTEKGSALHEAALFGKMDVVQLLLDSGIDANIRDCQGRTAL DILREHPS QKSQQIASLIHDYMMSDCDRGNFHEDLARHRPIPTPRTSIPSPVPSPSLRHKNDAVTGELSKLLNEIKICRDKDCSFEELCQTISSHSQ S MESFGSGRLSDEERNGTLTRINKRPTPPLPPALEEEEKSCGPSGLWEALTPCNGCRNLGFSQDKRCVEIAHSPSLDVFLPEDEDNPYESV ATA VTRKPCSLDINLHNACPRNGHFSHVSVSDAERGNHGDDSTGLTPDCSPPSPDTALRNIERVIRPQPKQRTSLSSSQDVQKPLQNHSG DPSEVSS SLGYASFSTSPPASPPISPANCSTGSAEDYALTDEATYQKECIERDDRRNSHVPEQFAGLLHGSSPACESPDNPYQLYGKVRK FSVPEPPLRHGN FLRAPEYSPPFPRTGSEASALKTQREVKPQVVYRTIFHTRVNQGPVTFGEQVDKTTGVHARNGEARSNCTGGSSPANS NTGYEERACTLGRMR SMPKNVLDLQLSRNFSKSDSNLVAVSPIEEEQWGSRGQSSPGKSSPSRLERTPSFTAEWEEIDKIMSSIGAGIGT EMEGITEDHPGPRCPVQSVG QWLDNIGLVQYENHLLSNGFDNVQFMGSNVVEDQDLLEIGILNSAHRQRLLQAIRLLPRVRPIGYDGNNP TSVAEWLESLELGDYTKSFLINGYTS MELVKKIWEIELINVLKINLIGHRKRILASLGDRLHEDPPQKPPRAISLREPTGNHTPPQLSPS LSQAYPNAGSLDVQHLIMQADARRRRNDNYFED VPRSKLERQMAQVSMQGEWCEPITLRPPNEATSSTPVQYWQHHPEKLIFQSCDYEAY YLGSMLVKELRGTESTHDACAKMRKSTEQMKKIPTIV LSVSYKGVKFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSSHHY CHVFTAFDVNLAYEIILTLGQAFEVAYQLALQARKSGHGSSTLPES FDSKPSKPVPKPRGNIRKSMEQPSMDQKGHANVPWIVEPGQEAK RGANTKAMADAHVYYSGIQRM.

MO-AB-01073W	Monoclonal	Rhesus (*Macaca mulatta*)	WB, ELISA	MO01073W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Sub Cat	Clonality	Species Reactivity	Application	Clone	Conjugate	Size

Protein Refseq: The length of the protein is 510 amino acids long.

The sequence is show below: MMWQCHLSAQDYRYYPVDGYSLLKRFPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGSNV MEDQDLLEIGILNSGHRQ RILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMDLLKKIWEVELINVLKINLIGHRKRILASLGD RLHDDPPQK PPRSITLREPSGNHTPPQLSPSLSQSTYTTGGSLDVPHIIMQGDARRRRNENYFDDIPRSKLERQMAQSSVCEIWTNQNAGFPFS AIHQV HNTGDWGEPSITLRPPNEATASTPVQYWQHHPEKLIFQSCDYKAFYLGSMLIKELRGTESTQDACAKMRANCQKSTEQMKKVPTIILSVS YKGVKFIDATNKNIIAEHEIRNISCAAQDPEDLSTFAYITKDLKSNHHYCHVFTAFDVNLAYEIILTLGQAFEVAYQLALQARKGGHSST LPESFENKP SKPIPKPRVSIRKSVQIDPSEQKTLANLPWIVEPGQEAKRGINTKYETTIF.

MO-AB-07377R	Monoclonal	Cattle (*Bos taurus*)	WB, ELISA	MO07377R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

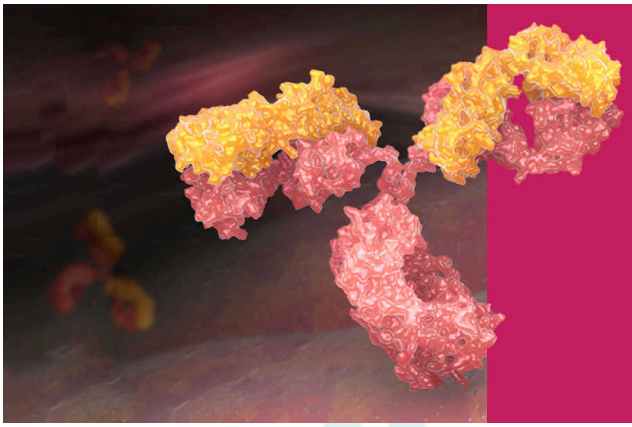
Protein Refseq: The length of the protein is 509 amino acids long.

The sequence is show below: MMWQCHLSAQDYRYYPVDGYSLLKRFPLHPLTGPRCPVQTVGQWLESIGLPQYENHLMANGFDNVQFMGSNV MEDQDLLEIGILNSGHRQ RILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGDYTKAFLINGYTSMDLLKKIWEVELINVLKINLIGHRKRILASLGD RLHDDPPQK PPRSITLREPSGNHTPPQLSPSLSQSTYTTGGSLDVPHIIMQGDARRRRNENYFDDIPRSKLERQMAQSSVCEIW.

MO-AB-50903W	Monoclonal	Marmoset	WB, ELISA	MO50903W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 1248 amino acids long.

The sequence is show below: MGKDQELLEAARTGNVALVEKLLSGRKGGILGGGSGPLPLSNLLSIWRGPNVNCTDSSGYTALHHAALNGHKDIV LKLLQYEASTNVADN KGYFPIHLAAWKGDVEIVKILIHHGPSHSRVNEQNNENETALHCAAQYGHSEVVAVLLEELTDPTIRNSKLETPLDLAALYG RLRVVKMI ISAHPNLMSCNTRKHTPLHLAARNGHKAVVQVLLEAGMDVSCQTEKGSALHEAALFGKVDVVRVLLETGIDANIKDSLGRTVLDILKE HP SQKSLQIATLLQEYLEGMGRSTVLEEPVQEDATQETHISSPVESPSQKTKSETVTGELSKLLDEIKLCQEKDYSFEDLCHTISDHYLDNL SKISE EELGKNGSQSVRTSSTINLSPGEVEEEDDVENTCGPSGLWEALTPCNGCRNLGFPMLAQESYPKKRNYTMEIVPSASLDTFPSEN ENFLCDLMD TAVTKKPCSLEIARASSPRTDNTSEIAVTTPGTSNHRNSSTGPTPDCSPPSPDTALKNIVKVIRPQPKQRTSIVSSLDFHR MNHNQEYFEINTSTGC KSFTASPPASPPTSSVGTTEVKNEGTDHTDDLAQQDDNDPPKEYDPGQFAGLLHGSSPACESPENPFHLYGKRE QCEKGQDEVSVANSPLPFK QSPIENNSEPLVKKIKPKVVSRTIFHKKSNQLENHTIVGTRSTRSGSRNGDQWVMNTGGFVERACTLGRIR SLPKALIDMHLSKSVSKSDSDLIAY PSNEKTSRVNWSESSTAEHSSKGNSERTPSFTSEWEEIDKIMSSIDVGINNELKEMNGETTRPRC PVQTVGQWLESIGLPQYENHLMANGFDNV QFMGSNVMEDQDLLEIGILNSGHRQRILQAIQLLPKMRPIGHDGYHPTSVAEWLDSIELGD YTKAFLINGYTSMDLLKKIWEVELINVLKINLIGHRK RILASLGDRLHDDPPQKPPRSITLREPSGNHTPPQLSPSLSQSTYTTGGSLDV PHIIMQGDARRRRNENYFDDIPRSKLERQMAQTGDWGEPSIT LRPPNEATASTPVQYWQHHPEKLIFQSCDYKAFYLGSMLIKELRGTES TQDACAKMRANCQKSTEQMKKVPTIILSVSYKGVKFIDATNKNIIAEHE IRNISCAAQDPEDLSTFAYITKDLKSNHHYCHVFTAFDVNL AYEIILTLGQAFEVAYQLALQARKGGHSSTLPESFENKPSKPIPKPRVSIRKSVDLLH ASHTGQEPSERHTEEALRKF.



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.