

AibGenesis™ Mouse Anti-AATK Antibody (CBMOAB-34766FYA)

Cat. No.: CBMOAB-34766FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO34766FYA
Specificity	This antibody binds to Rhesus AATK.
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 contains a tyrosine kinase domain at the N-terminus and a proline-rich domain at the C-terminus. This gene is induced during apoptosis, and expression of this gene may be a necessary pre-requisite for the induction of growth arrest and/or apoptosis of myeloid precursor cells. This gene has been shown to produce neuronal differentiation in a neuroblastoma cell line. Two transcript variants encoding different isoforms have been found for this gene. (From NCBI)
Product Overview	Mouse Anti-Rhesus AATK Antibody is a mouse antibody against AATK. It can be used for AATK detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 1328 amino acids long. The sequence is show below: HQAKVQGCRGGWRWQEFENAEGDEYAADLAQGGSPATAAQNGPDVYVLP

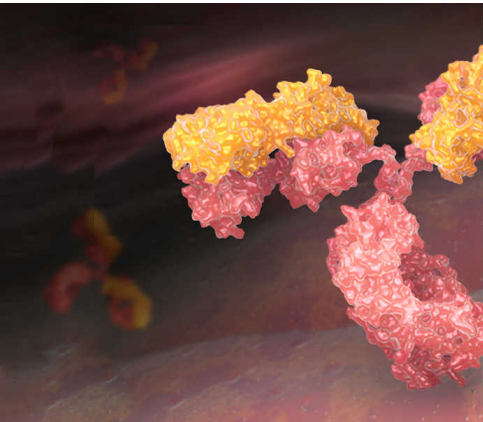
TEVSLPMAKQP GRSVQLLKSTDLGRHSLLYLKEIGHGWFGKVFLGEVNSGVSSAQVVVKELQASASVQEQM QFLEEVQPYRALKHSNLLQCLAQCAEVTPYLLVMEFCPLGDLKGYLRSRVAESMAPDPL TLQRMACE VACGVHLHLHRNNYVHSDALARNCLLTADLTVKIGDYGLAHCKYREDYFVTAD QLVWPLRWIAPELVDEVHS NLLVVDQTKSGNVWSLGVTIWELFELGTQYPYQHSDQQVLA YAVREQQLKLPKQLQLTSLDRWYEVQMFCWLQPEQRPTAEVHLLLSYLCAKGATEAEE EFERRWRSRLRPGGGGVGPGGAAGPTLGGVVELAAASS FPLLEQFAGDGFHADGDDVLTV TETSRLNFEYKWEAGRGAEAFATLSPDRPARLQELCAPDGAPPGVV PVLSAHSPLSGS EYFIRLEEATPAAGHDPDCAGCAPSSPAIADQDESDGSTAASLAMEPLLGHPADVP W GGGDLYPRGSLVRDQLCPSRSPSPSPSAGPLRLAEGRAKDADWGVA AFCSPFFEDPLG TSPLGSS GAPPLPTGEEELVEVGARTAAQRGHWSNVSANNNSGSRCPEWDPSSVGYH ADGCCSPKQPPRAS EPAYPGESLLGLQAASSAQEPGCCPGPLPHLCPAQLAPAPCLVTP SWTEAPGSGGDHLQAEPKLATEAEG TAGPCLSLPSVSPSPSQEGAPLPSEEASAPDAPGAL PDSPTPAAGGEVSATKPASTLNGGGSSPEVEAPSS EDEDTAETSGIFDTSSDGLQAER LDVVPAFRSLQKQVGTDPDSLSDIPSSASDGGYEVFSPSAAGPSG GQPRALDSGYDTEN YESPEFVLKESQEGCEPQAFGELTSEGEVGPGEIRLSASLSGLNEKNPYRDSAYFS DLET EAETSGPEKCGGDQGPPELGLPSTGQPSAQASLRPGVPGEAQSGSGPEVLPPPLRLEG SSPD PSTCPSGLVPEPPEPQGPAEVPPGSPSPSCSQFFLLTPVPLSSEGNSSSELQGPTGLL SGLTPQKRMAGPGT PRAPRLALPGLPAALEGRPDEEEEDSEDSDESDEELRCYSVQEPS EDSEEEAPAVPVVAESQSARNLR SLLKMPSLLSEAFCEDLERKKKAVSFDDVTYVLFQ QESPTRELGEFPFGAKESPTFLMGSPSSPSAPSP PRQADGSPDGSTAKEGGGFAWDDDF PLMQAKAAAFAMALDPAAPAPAAPTPAPFSRFTVSPASTSRFSITH VSDSDAESVRGPAAG AGGESKEA.

Sub Cat	Clonalit	Species	Reactivit	Applicatio	Clone	Conjugate	Size
	y	y	n				
MO-AB-00858	Monoclon	Rhesus (<i>Macaca m</i>		WB, ELISA	MO00858	Unconjugated; also available for Biotin; HRP; FITC and other	100 µg
W	al	tta)		W		labeled form.	

Protein Refseq: The length of the protein is 1374 amino acids long.

The sequence is show below: MSSSFFNPSFAFSSHFDPDGAPLSELSWPSSLAVVAVSFSGLFAVVVLMACLCKKGIGFKEFENAEGDEYAA DLAQGSPATAAQNGP DVYVLPSTEVSPLMAKQPGRSVQLLKSTDLGRHSLLYLKEIGHGWFGKVFLGEVNSGVSSAQVVVKELQASASVQEQM QFLEEVQPYRAL KHSNLLQCLAQCAEVTPYLLVMEFCPLGDLKGYLRSRVAESMAPDPLTLQRMACEVACGVHLHLHRNNYVHSDALARNCLLT ADLTVKIG DYGLAHCKYREDYFVTADQLWVPLRWIAPELVDEVHSNLLVVDQTKSGNVWSLGVTIWELFELGTQYPYQHSDQQVLAYAVREQQL KLPK PQLQLTSLDRWYEVQMFCWLQPEQRPTAEVHLLLSYLCAKGATEAEEEFERRWRSRLRPGGGGVGPGGAAGPTLGGVVELAAASSFP LL EQFAGDGFHADGDDVLTVTETSRLNFEYKWEAGRGAEAFATLSPDRPARLQELCAPDGAPPGVVVLSAHSPLSGSEYFIRLEEATPAAG HDPDCAGCAPSSPAIADQDESDGSTAASLAMEPLLGHPADVPWGRGDLYPRGSLVRDQLCPSRSPSPSPSAGPLRLAEGRAKDAD WGVA AFCSPFFEDPLGTSPPLGSSGAPPLPTGEEELVEVGARTAAQRGHWSNVSANNNSGSRCPEWDPSSVGYHADGCCSPKQPPRAS PEPAYP GESLLGLQAASSAQEPGCCPGPLPHLCPAQLAPAPCLVTPSWTEAPGSGGDHLQAEPKLATEAEGTAGPCLSLPSVSPSPSQEGA PLPSEEASA PDAPGALPDSPTPAAGGEVSATKTASTLNGGGSSPEVEAPSSSEDEDTAETSGIFDTSSDGLQAERLDVVPAFRSLQKQV GTPDSLDSLIPSS ASDGGYEVFSPSAAGPSGGQPRALDSGYDTENYESPEFVLKESQEGCEPQAFGELTSEGEVGPGEIRLSASLSGLN EKNPYRDSAYFSDELETE AEPTSGPEKCGGDQGPPELGLPSTGQPSAQASLRPGVPGEAQSGSGPEVLPPPLRLEGSSPDSTCPSGLVP EPPEPQGPAEVPPGSPSPSC SQFFLLTPVPLSSEGNSSSELQGPTGLLSGLTPQKRMAGPGTTPRAPRLALPGLPAALEGRPDEEEEDSEDS DESDEELRCYSVQEPSDESDEEEA

Sub Cat	Clonalit	Species	Reactivit	Applicatio	Clone	Conjugate	Size
	y	y		n			
PAVPVVVAESQSARNLRSLLKMPSLLSEAFCEDLERKKKAVSFFDDVTVYLFQESPTRELGEPPFG AKESPPTFLMGSPSSPSAPSPPRQADG							
SPDGSTAKEGGGFAWDDDFPLMQAKAAAFAMALDPAAPAPAAPTAPFSSRFTVSPASTSRFSIT HVSDSDAESVRGPAAGAGGESKEA.							
MO-AB-50174	Monoclon	Marmoset	WB, ELISA	MO50174	Unconjugated; also available for Biotin; HRP; FITC and other		100 µg
W	al			W	labeled form.		
Protein Refseq: The length of the protein is 1371 amino acids long.							
The sequence is show below: MSSSFFNPSFAFSSHFDPDGAPLSELSWPSSLAVVAVSFSGLFAVIVLMLACLCKKGSIGFKEFENAEGDEYSAD							
LAQGSPATTAQNGP DVYVLPLTEVSLPMAKQPGRSVQLLKSTD LGRHSLLYLKEIGHGWFGKVF LGEVNSGVGSTQVVVKELQASASVQEQMQ							
FLEEVQPYRAL KHSNLLQCLAQCAEVTPYLLVMEFCPLGDLKGYLRSCRVAESMAPDPLTLQRMACEVACGILHLHRNNYVHSDLALRNCLLMA							
DLTVKIG DYGLAHCKYREDYFVTADQLWVPLRWIAPELVDEVHSNLLVVDQTKSGNVWSLGVTIWELFELGEQYPYPQHSDQQVLAYTVREQQLK							
LPK PQLQLTSLDRWYEVMQFCWLQPEQRPTAEVHLLLSYLCAKGATEAEFEFERRWRALRPRGGGVGP GPGAAGLTLAGAVELATASSFPLL							
EQFAGDGFHADGDDVLTVTETSRGLNFEYKWEVGRGAEAFPTMPSPGHAARLQELCAPDPDSAPPGVVVPLSAHSPSLGSEYFIRLEEEA PAA							
SHDPDCAGCAPSARTPVDQDDSDGSAAASLATEPLLGHGPPADIPWGRGDHYPRRSLAQDPPCPSGSPSPSAGPRRLAEGGAKDADW GVATF							
CPPFFEDPLGTSP LGCSAAPPPLPLPGEEEEEEVGAHTATQRGHWRSNVSANNNSGSRCPE SWDLGSTGCYTDGCPSPKQMPRA SPEPADP							
GEPLRGLQAASSAQEPGYCPSLPHLC PQGLAPASCLATTSWTEAAGSGGDQPQAEPKLATDAEGTAGPHLPLPSVPSPSKEGA PLPSEEASAP							
DALPDSRPRAAGGEVSVTEPASALNGSNNSPEAEVPSREDEDTV DATSGVFTNTSSDGPQAERPDAVPAFRSLQKQVGTP DSLDSL DIPSSASD							
GGYEVFSPSATGPPGGQPRALDSGYDTENYESPEFVFKEAQDPCEPQAFGELASESEGGP PETRLSASLSGLSEKN PYRDSAYFSDLEAEAEA							
TSSPEDKCSGDQAPEPDLGLPSAGQPSMQASLGLGVPREAQSGSGPGEALPSPLRLEGSFPEPSTCTSGLGPEP LEPQDPADVPPGASPSGSQ							
FFLLTPVLLSSEGDSSQLQGAPGLLSGPAPQKRMGGPSTPRAPRLRALPTLPVALEGRPEEEEEEDSEDSDE SDEELRCYSVQEPSEDSEEEAPA							
VPVVVAESQSARNLRSLLKMPSLLSEDFCEDLDRKKKAVSFFDDVTVYLFQESPTRELGEPPFGAK ESSPTFLMGSLGSPSATGPQQQADDSS							
PQGSAAGEGGGFTWDDDFPLMSAKAAAFATTLDPAAPSPATLAPFSRFTVSPAPASRFSITHVS DSDAESVKGPATGAVGESKEA.							



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.