

AibGenesis™ Mouse Anti-ASMT Antibody (CBMOAB-36384FYA)

Cat. No.: CBMOAB-36384FYA

Specifications

Host species	Mouse (<i>Mus musculus</i>)
Clone	MO36384FYA
Specificity	This antibody binds to Rhesus ASMT.
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 belongs to the methyltransferase superfamily, and is located in the pseudoautosomal region (PAR) at the end of the short arms of the X and Y chromosomes. The encoded enzyme catalyzes the final reaction in the synthesis of melatonin, and is abundant in the pineal gland. Alternatively spliced transcript variants have been noted for this gene. (From NCBI)
Product Overview	Mouse Anti-Rhesus ASMT Antibody is a mouse antibody against ASMT. It can be used for ASMT detection in Western Blot, Enzyme-Linked Immunosorbent Assay.
Protein Refseq	The length of the protein is 129 amino acids long. The sequence is show below: RSEGERLQFMQALQEVSWSVNGRSVLTAFDLSGFPLMCDLGGGPGALAKE

CLSLYPGCKVT VFDVPEVVRTAKQHFSFPEEEEEHLQEGDFFKDPLPEADLYILARILHDWADGKCSHLLR R
VYHTCKPG.

Sub Cat	Clonalit	Species	Reactivit	Application	Clone	Conjugate	Size
	y	y	n				
CBMOAB-66777	Monoclon	Zebrafish (<i>Danio rerio</i>)		WB, ELISA	MO66777F	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg

Protein Refseq: The length of the protein is 344 amino acids long.

The sequence is show below: MAEEAELYPKKILEYMEGFLVSKTLFSACELGVFELLQSACLSAGQVSAALSTSVGDTERLLSACVGLQLLNTHTH
TDRTVLYSNTEMSN VFLVKSSPKSLYHSIEYSSRTIYLCWHYLSDAVRDGKNQYEKAFGVNSKDLFEALYRSDDEMVKFMHLMNSVWNICGRDVI
TAFDLTPYK TICDLGGCSGALAKQCVSAYPESSVTIFDLPRVVQNSQKHFM TDQDPRIAFCEGDFFKDDEL PQADLYILARILHDWTDQRSVELLTKI
YQ SCRPGGALLLAEALLHEDDSGPLTVQLYSLNMLVQTEGRERKASEYTRLLNAAGFTHVHTHTTGKIYDAVLAIK.

MO-AB-00193Y	Monoclon	Chicken (<i>Gallus gallus</i>)		WB, ELISA	MO00193Y	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 346 amino acids long. The sequence is show below: MDSTEDLDYPQIIFQYSNGFLVSKVMFTACE
LGVFDLLLQSGRPLSLDVIAARLGTSIMGMERLLDACVGLKLLAVELRREGAFYRNTETI SNIYLTKSSPKSQYHIMMYYSNTVYLCWHYLTDAVRE
GRNQYERAFGISSKDLFGAMYRSEEEMLKFLAGQNSIWSICGRDVLTAFLDSP FTQIYDLGGGGGALAEQECVFLYPNCTVTIYDLPKVVQVAKER
LVPPEERRIAFHEGDFFKDSIPEADLYILSKILHDWDDEKCRQLLAEV YKACRPGGGVLLVESLLSEDRSGPVETQLYSLNMLVQTEGKERTAAEY
SKLLEAAGFREVQVRRTGKLYDAVLGRK.

MO-AB-03402W	Monoclon	Rhesus (<i>Macaca mulatta</i>)		WB, ELISA	MO03402W	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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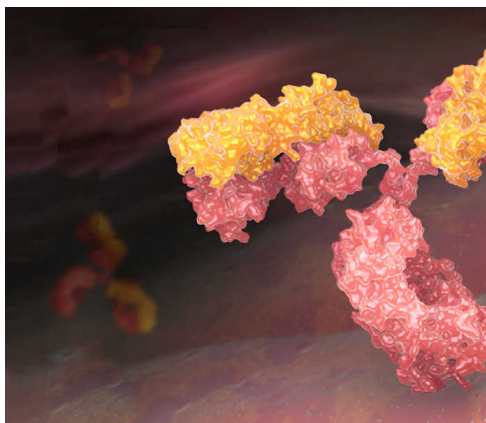
Protein Refseq: The length of the protein is 121 amino acids long.

The sequence is show below: DLRVPVLLPCVPGDFFKDPLPEADLYILARILHDWADGKCSHLLERVYHTCKPGKRVCSISAVLVTRGRTRVTLRG
TEIIPQTEGQERTP THYHMLLSSAGFRDFQFKKTGAIDAILVRK.

MO-AB-07699R	Monoclon	Cattle (<i>Bos taurus</i>)		WB, ELISA	MO07699R	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
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Protein Refseq: The length of the protein is 345 amino acids long.

The sequence is show below: MCSQELEGYSLKEYANGFMVSQVLFACELGVFELLAEALEPLDSAAVSSHLGSSPQGTELLNCTVSLKLLQA
DVRGGKAVYANTELA STYLVRGSPRSQRDMLLYAGRTAYVCWRHLAEAVREGRNQYLKAFGIPSEELFAIYRSEDERLQFMQGLQDVWRLEG
ATVLAAFDLSPF PLICDLGGGSGALAKACVSLYPGCRAIVFDIPGVVQIAKRHFSASEDERISFHEGDFFKDALPEADLYILARVLH.



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.