

Rabbit anti-Human C6orf150 Polyclonal Antibody | anti-MB21D1 antibody

C6orf150 Antibody

CATALOG # AAA75759	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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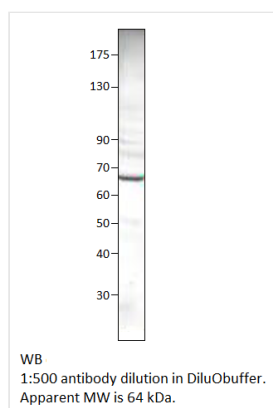
PRODUCT SYNONYMS

C6orf150; Polyclonal Antibody; C6orf150 Antibody; cGAMP synthase; cGAS; Chromosome 6 open reading frame 150; Cyclic GMP-AMP synthase; h-cGAS; Hypothetical protein LOC115004; Mab 21 domain containing 1; MB21D1; protein MB21D1; Uncharacterized protein C6orf150 antibody; anti-MB21D1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.60 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	522
Applicable Applications for anti-MB21D1 antibody	WB (Western Blot), ELISA
Immunogen	Synthetic peptide taken within amino acid regions 350-450 on human cGAS protein.
Expression	Is expressed in the monocytic cell line THP1 by type 1 Interferons
Determinant	N-epitope
Molecular Function	Nucleotidyltransferase; ATP binding; DNA binding
Structure	Monomer when in absence of DNA. Homodimer when bound to DNA.
Subcellular Location	Cytoplasm; Cytosol
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-MB21D1 antibody	Affinity Purified Cyclic GMP-AMP synthase Antibody N-epitope Catalyzes the formation of cyclic GMP-AMP from ATP and GTP. Has antiviral activity through acting as a cystolic DNA sensor.
Product Categories/Family for anti-MB21D1 antibody	Primary Antibodies; Signal Transduction; Second Messengers; cGMP; C6orf150 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	115511030
NCBI GeneID	115004
NCBI Accession #	NP_612450
NCBI GenBank Nucleotide #	NM_138441.2
UniProt Accession #	Q8N884; Q14CV6; Q32NC9; Q5SWL0; Q5SWL1; Q96E45; L0L2J9
Molecular Weight	49,762 Da
NCBI Official Full Name	cyclic GMP-AMP synthase
NCBI Official Synonym Full Names	Mab-21 domain containing 1
NCBI Official Symbol	MB21D1
NCBI Official Synonym Symbols	cGAS; h-cGAS; C6orf150
NCBI Protein Information	cyclic GMP-AMP synthase
UniProt Protein Name	Cyclic GMP-AMP synthase
UniProt Gene Name	MB21D1
UniProt Synonym Gene Names	C6orf150; cGAMP synthase; cGAS; h-cGAS
UniProt Entry Name	CGAS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c6orf150-antibody-western-blot-elisa/75759>