

Rabbit anti-Human ELMD2 Polyclonal Antibody | anti-ELMOD2 antibody

ELMD2 Antibody (C-term)

CATALOG # AAA288596	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

ELMD2; Polyclonal Antibody; ELMD2 Antibody (C-term); ELMO domain-containing protein 2; ELMOD2; anti-ELMOD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELMD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-279 amino acids from the C-terminal region of human ELMD2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	251-279
Sequence Length	293
Applicable Applications for anti-ELMOD2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ELMD2 Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

ELMD2 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ELMD2 antibody detected the ELMD2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ELMOD2 antibody	This gene encodes one of six engulfment and motility (ELMO) domain-containing proteins. This gene is thought to play a role in antiviral responses. Mutations in this gene may be involved in the cause of familial idiopathic pulmonary fibrosis. [provided by RefSeq].
Product Categories/Family for anti-ELMOD2 antibody	Immunology; Microbiology; Signal Transduction
References	Pulkkinen, V., et al. FASEB J. 24(4):1167-1177(2010) Bowzard, J.B., et al. J. Biol. Chem. 282(24):17568-17580(2007) Hodgson, U., et al. Am. J. Hum. Genet. 79(1):149-154(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308456
NCBI GeneID	255520
NCBI Accession #	NP_714913.1
NCBI GenBank Nucleotide #	NM_153702.3
UniProt Accession #	Q8IZ81; B2R712; D3DNZ0
Molecular Weight	34961
NCBI Official Full Name	ELMO domain-containing protein 2
NCBI Official Synonym Full Names	ELMO/CED-12 domain containing 2
NCBI Official Symbol	ELMOD2
NCBI Official Synonym Symbols	9830169G11Rik
NCBI Protein Information	ELMO domain-containing protein 2
UniProt Protein Name	ELMO domain-containing protein 2
UniProt Gene Name	ELMOD2
UniProt Entry Name	ELMD2_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://stage.aaabiotech.com/polyclonal/elmd2-antibody-flow-cytometry-western-blot-elisa/288596>