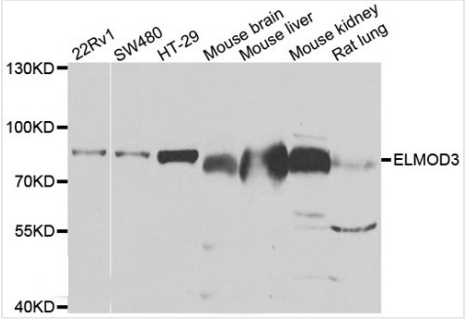
ELMO3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ELMO3, Polyclonal Antibody
Full Product Name	ELMO3 Polyclonal Antibody
Product Gene Name	anti-ELMO3 antibody
Product Synonym Names	CED12; CED-12; ELMO-3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Molecular Weight	Calculated MW: 81kDa
OMIM	606422
Immunogen	Recombinant protein of human ELMO3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ELMO3 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ELMO3 antibody	WB: 1:500-1:2000, IHC: 1:50-1:200
Related Product Information for anti-ELMO3 antibody	The protein encoded by this gene is similar to a C. elegans protein that functions in phagocytosis of apoptotic cells and in cell migration. Other members of this small family of engulfment and cell motility (ELMO) proteins have been shown to interact with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell shape changes.
Other Notes	Small volumes of anti-ELMO3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ELMO3 purchase	MBS2537537 is an antibody targeting ELMO3. Also known as ELMO3 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-ELMO3 antibody
Western blot analysis of extracts of various cell lines, using ELMOD3 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELMO3. It may not necessarily be applicable to this product.

NCBI GI #	87298935
NCBI GeneID	79767
NCBI Accession #	NP_078988.2
UniProt Secondary Accession #	Q9H8A5; B4DV86
UniProt Related Accession #	Q96BJ8
GenBank Nucleotide #	NM_024712.3
NCBI Official Full Name	engulfment and cell motility protein 3
NCBI Official Synonym Full Names	engulfment and cell motility 3
NCBI Official Symbol	ELMO3
NCBI Official Synonym Symbols	CED12; CED-12; ELMO-3
UniProt Protein Name	Engulfment and cell motility protein 3
Protein Family	Engulfment and cell motility protein
UniProt Gene Name	ELMO3
UniProt Entry Name	ELMO3_HUMAN
NCBI Protein Information	engulfment and cell motility protein 3
UniProt Comments for ELMO3	ELMO3: Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in assocation with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 16q22.1 Cellular Component: cytoplasm Molecular Function: protein binding; SH3 domain binding Biological Process: apoptosis; cell migration; phagocytosis
Research Articles on ELMO3	**1.** The present study reports the first characterization of the ELMO3 promoter and suggests a significant role of CDX2 in the basal transcriptional regulation of the intestine-specific expression of ELMO3, possibly through interaction with SP1.

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