

Datasheet for ABIN2788147
anti-ELMO1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ELMO1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELMO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ELMO1
Sequence:	TQTTPGMLAL DNMLYFAKHH QDAYIRIVLE NSSREDKHEC PFGRSSIELT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ELMO1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ELMO1
Alternative Name:	ELMO1 (ELMO1 Products)

Target Details

Background:	The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell shape changes. Similarity to a C. elegans protein suggests that this protein may function in apoptosis and in cell migration. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Alias Symbols: CED-12, CED12, ELMO-1, KIAA0281, MGC126406 Protein Interaction Partner: ZNF398, TRIM54, UBC, PTGS2, DOCK1, BAG3, FGD1, RHOG, HCK, JMJD6, DOCK2, Protein Size: 727
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Molecular Weight:	84 kDa
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Gene ID:	9844
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NCBI Accession:	NM_014800 , NP_055615
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UniProt:	Q92556
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 727 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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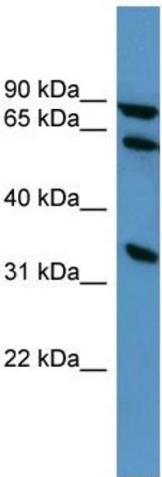
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. WB Suggested Anti-ELM01 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate