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ELMO2 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP11106c

Specification

ELMO2 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q96JJ3

ELMO2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 63916

Other Names
Engulfment and cell motility protein 2, Protein ced-12 homolog A, hCed-12A, ELMO2, CED12A, KIAA1834

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ELMO2 Antibody (Center) Blocking peptide - Protein Information

Name ELMO2

Synonyms CED12A, KIAA1834

Function
Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association 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.

Cellular Location
Cytoplasm. Cytoplasm, cytosol. Membrane

Tissue Location
Widely expressed, with a higher expression in skeletal muscle, kidney and placenta.

ELMO2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ELMO2 Antibody (Center) Blocking peptide - Images

ELMO2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene interacts with thededicator of cyto-kinesis 1 protein. Similarity to a C. elegansprotein suggests that this protein may function in phagocytosis ofapoptotic cells and in cell migration. Alternative splicing resultsin multiple transcript variants encoding the same protein.

ELMO2 Antibody (Center) Blocking peptide - References

Bento, J.L., et al. Genomics 92(4):226-234(2008)Rikova, K., et al. Cell 131(6):1190-1203(2007)Zhang, Y., et al. Mol. Cell Proteomics 4(9):1240-1250(2005)Zhang, Y., et al. Mol. Cell Proteomics 4(9):1240-1250(2005)Castelo, R., et al. Nucleic Acids Res. 33(6):1935-1939(2005)