

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 NamesEngulfment 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

ELMO2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein. Similarity to a C. elegans protein suggests that this protein may function in phagocytosis of apoptotic cells and in cell migration. Alternative splicing results in 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)

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](#)