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PELI2 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP12838a

Specification

PELI2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9HAT8

PELI2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 57161

Other Names
E3 ubiquitin-protein ligase pellino homolog 2, Pellino-2, 632-, PELI2

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.

PELI2 Antibody (N-term) Blocking peptide - Protein Information

Name PELI2

Function
E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Involved in the TLR and IL- 1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. May be important for LPS- and IL1B-induced MAP3K7-dependent, but not MAP3K3- dependent, NF-kappa-B activation. Can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1.

PELI2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

PELI2 Antibody (N-term) Blocking peptide - Images

PELI2 Antibody (N-term) Blocking peptide - Background

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Scaffold protein which probably links Toll-like receptors (TLRs) to basic cellular processes via its interaction with the complex containing IRAK kinases and TRAF6. Can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1. Not required for NF-kappa-B activation.

PELI2 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Ordureau, A., et al. Biochem. J. 409(1):43-52(2008)Lim, J., et al. Cell 125(4):801-814(2006)Liu, Y., et al. J. Biol. Chem. 279(36):37436-37444(2004)Strelow, A., et al. FEBS Lett. 547 (1-3), 157-161 (2003) :