

PELI1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18852c**Specification**

PELI1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96FA3](#)**PELI1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 57162**Other Names**

E3 ubiquitin-protein ligase pellino homolog 1, Pellino-1, 632-, Pellino-related intracellular-signaling molecule, PELI1, PRISM

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.

PELI1 Antibody (Center) Blocking Peptide - Protein Information**Name** PELI1**Synonyms** PRISM**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 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation (PubMed:12496252, PubMed:17675297). Mediates 'Lys-48'-linked polyubiquitination of RIPK3 leading to its subsequent proteasome-dependent degradation; preferentially recognizes and mediates the degradation of the 'Thr-182' phosphorylated form of RIPK3 (PubMed:29883609). Negatively regulates necroptosis by reducing RIPK3 expression (PubMed:29883609). Mediates 'Lys-63'-linked ubiquitination of RIPK1 (PubMed:29883609).

Tissue Location

Expressed at high levels in normal skin but decreased in keratinocytes from toxic epidermal necrolysis (TEN) patients (at protein level).

PELI1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PELI1 Antibody (Center) Blocking Peptide - Images

PELI1 Antibody (Center) Blocking Peptide - Background

Scaffold protein involved in the IL-1 signaling pathway via its interaction with the complex containing IRAK kinases and TRAF6. Required for NF-kappa-B activation and IL-8 gene expression in response to IL-1.

PELI1 Antibody (Center) Blocking Peptide - References

Ordureau, A., et al. Biochem. J. 409(1):43-52(2008)Butler, M.P., et al. J. Biol. Chem. 282(41):29729-29737(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Choi, K.C., et al. Nat. Immunol. 7(10):1057-1065(2006)Butler, M.P., et al. J. Biol. Chem. 280(30):27759-27768(2005)