

PELI1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18852C

Specification

PELI1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q96FA3
Other Accession	Q8C669 , NP_065702.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46286
Antigen Region	177-204

PELI1 Antibody (Center) - Additional Information

Gene ID 57162

Other Names

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

Target/Specificity

This PELI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 177-204 amino acids from the Central region of human PELI1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PELI1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PELI1 Antibody (Center) - 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](#)).

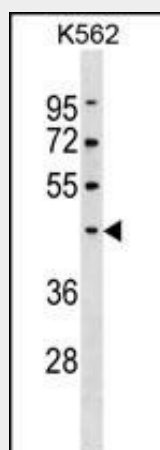
Tissue Location

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

PELI1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PELI1 Antibody (Center) - Images

PELI1 Antibody (Center)(Cat. #AP18852c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PELI1 antibody detected the PELI1 protein (arrow).

PELI1 Antibody (Center) - 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) - 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)