

PELI1 / Pellino 1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15671**Specification**

PELI1 / Pellino 1 Antibody (C-Terminus) - Product Information

Application	IHC, ICC, IF, WB
Primary Accession	Q96FA3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

PELI1 / Pellino 1 Antibody (C-Terminus) - Additional Information**Gene ID** 57162**Other Names**

E3 ubiquitin-protein ligase pellino homolog 1, Pellino-1, 6.3.2.-, Pellino-related intracellular-signaling molecule, PELI1, PRISM

Target/Specificity

Human PELI1.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

PELI1 / Pellino 1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PELI1 / Pellino 1 Antibody (C-Terminus) - 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:<a

<http://www.uniprot.org/citations/29883609>). Mediates 'Lys-63'-linked ubiquitination of RIPK1 (PubMed:<<http://www.uniprot.org/citations/29883609>>).

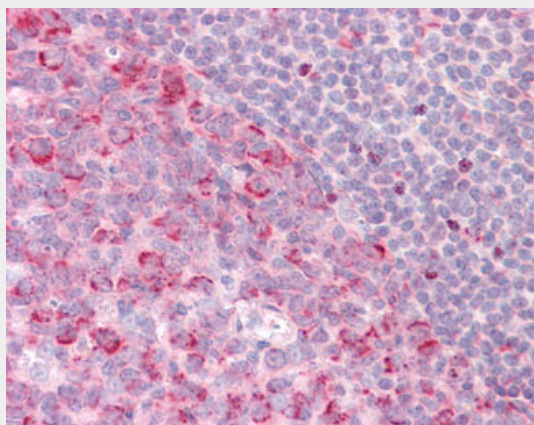
Tissue Location

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

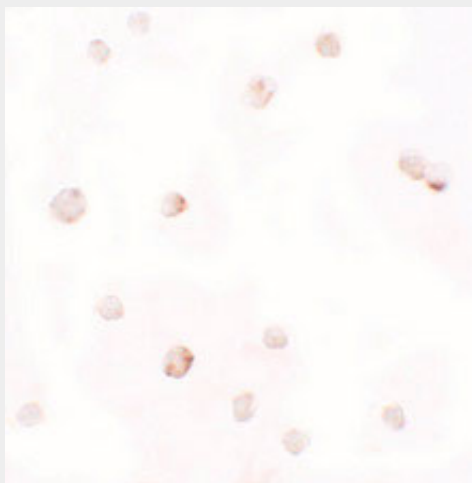
PELI1 / Pellino 1 Antibody (C-Terminus) - Protocols

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

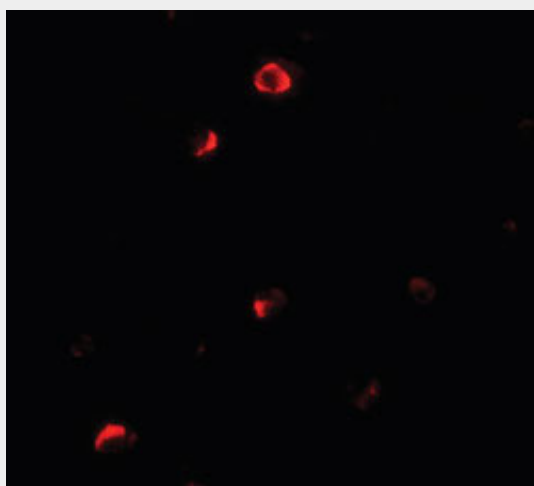
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PELI1 / Pellino 1 Antibody (C-Terminus) - Images

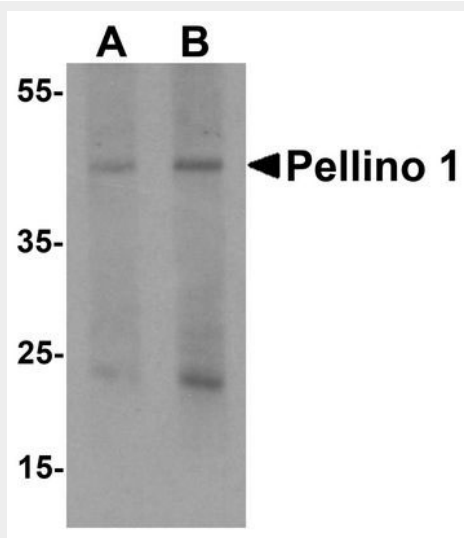
Anti-PELI1 / Pellino 1 antibody IHC staining of human tonsil.



Immunocytochemistry of Pellino in HepG2 cells with Pellino 1 antibody at 2.5 ug/ml.



Immunofluorescence of Pellino 1 in HepG2 cells with Pellino 1 antibody at 20 ug/ml.



Western blot analysis of Pellino 1 in human liver tissue lysate with Pellino 1 antibody at (A) 1...

PELI1 / Pellino 1 Antibody (C-Terminus) - Background

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.

PELI1 / Pellino 1 Antibody (C-Terminus) - References

- Rich T.,et al.Immunogenetics 52:145-149(2000).
- Resch K.,et al.Cytogenet. Cell Genet. 92:172-174(2001).
- Kennedy E.J.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Jiang Z.,et al.J. Biol. Chem. 278:10952-10956(2003).