

## **Product datasheet for TA356750**

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## Pellino 2 (PELI2) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N-terminal region of Human

PELI2

**Specificity: Expected reactivity**: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish

**Homology**: Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse:

100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 46 kDa

**Gene Name:** pellino E3 ubiquitin protein ligase family member 2

Database Link: NP 067078.1

Entrez Gene 57161 Human

Q9HAT8



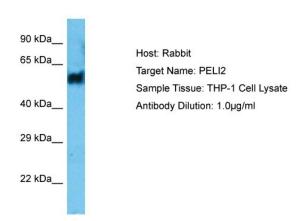


Background:

PELI2 is a E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. It is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. It mediates IL1B-induced IRAK1 'Lys-63'-linked polyubiquitination and possibly 'Lys-48'-linked ubiquitination. It may be important for LPS- and IL1B-induced MAP3K7- dependent, but not MAP3K3-dependent, NF-kappa-B activation. And it can activate the MAP (mitogen activated protein) kinase pathway leading to activation of ELK1.

Synonyms: Pellino-2

## **Product images:**



Host: Rabbit Target Name: PELI2

Sample Type: THP-1 Whole Cell Antibody Dilution: 1.0ug/ml