

Product datasheet for **TA356750**

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



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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 Tissue: THP-1 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: PELI2
 Sample Type: THP-1 Whole Cell
 Antibody Dilution: 1.0ug/ml