

Rabbit Pellino 1 Polyclonal Antibody | anti-PELI1 antibody

Pellino 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40618	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Pellino 1; Polyclonal Antibody; Pellino 1 Antibody; PRISM; E3 ubiquitin-protein ligase pellino homolog 1; Pellino-related intracellular-signaling molecule; Pellino-1; pellino E3 ubiquitin protein ligase 1; anti-PELI1 antibody

PRODUCT SPECIFICATIONS

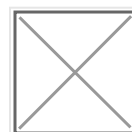
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Pellino 1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	418
Applicable Applications for anti-PELI1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal Pellino 1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human Pellino 1.
Buffer	Pellino 1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Pellino 1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



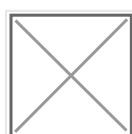
IF (Immunofluorescence)

Immunofluorescence of Pellino 1 in HepG2 cells with Pellino 1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of Pellino 1 in HepG2 cells with Pellino 1 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of Pellino 1 in human liver tissue lysate with Pellino 1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PELI1 antibody	Pellino 1 Antibody: The Pellino proteins are a highly homologous family of E3 ubiquitin ligases that act as upstream mediators in Toll-like receptor (TLR) pathways that lead to activation of MAP kinases and transcription factors. Pellino 1 is required for interleukin-1-mediated signaling through its interaction with the IRAK4-IRAK-TRAF6 complex, ultimately resulting in the activation of NF-κB. Like other members of the Pellino family, Pellino 1 is an E3 ubiquitin ligase, able to catalyze the polyubiquitination of IRAK1. It is activated via phosphorylation by either IRAK1 and IRAK4 or the IKK-related kinases IKK-γ and TBK1. In addition to phosphorylation, Pellino 1 activity is also modulated via ubiquitination and sumoylation.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	11037063
NCBI GeneID	57162
NCBI Accession #	NP_065702
NCBI GenBank Nucleotide #	NM_020651.3
UniProt Accession #	Q96FA3; Q96SM0; Q9GZY5; Q9HCX0
Molecular Weight	46 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase pellino homolog 1
NCBI Official Synonym Full Names	pellino E3 ubiquitin protein ligase 1
NCBI Official Symbol	PELI1
NCBI Protein Information	E3 ubiquitin-protein ligase pellino homolog 1; pellino-1; protein pellino homolog 1; pellino-related intracellular-signaling molecule
UniProt Protein Name	E3 ubiquitin-protein ligase pellino homolog 1
UniProt Gene Name	PELI1
UniProt Synonym Gene Names	PRISM; Pellino-1
UniProt Entry Name	PELI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.