

PELI1 Polyclonal Antibody

Catalog number: 12053-1-AP

Size: 52 µg/150 µl

Source: Rabbit

Isotype: IgG

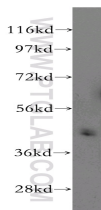
Synonyms:

PELI1; DKFZp686C18116, PELI1,

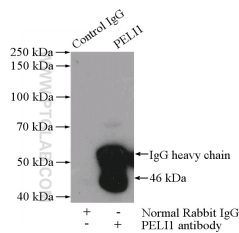
Pellino 1, pellino homolog 1

(Drosophila), PRISM, Protein

pellino homolog 1



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 12053-1-AP(PELI1 antibody) at dilution of 1:400



IP Result of anti-PELI1 (IP:12053-1-AP, 4µg; Detection:12053-1-AP 1:300) with SH-SY5Y cells lysate 3000µg.

Background

PELI1 encodes pellino-1, an E3 ubiquitin-protein ligase pellino homolog. E3 ubiquitin ligase functions by catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Pellino-1 is involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Pellino-1 can mediate 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B activation thus playing a role in cellular inflammation. This antibody may cross react with Pellino-3.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PELI1 MW:	418aa, 46 kDa
Observed PELI1 MW:	46 kDa
Positive WB detected in	Mouse thymus tissue
Positive IP detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2683
GenBank accession number:	BC011419
Gene ID (NCBI):	57162
Full name:	Pellino homolog 1 (Drosophila)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.