

Product Name: Pellino 1 Rabbit Monoclonal Antibody
Catalog #: AMRe02420



Summary

Production Name	Pellino 1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	PELI1
Alternative Names	Pellino-related intracellular-signaling molecule; RING-type E3 ubiquitin transferase pellino homolog 1
Gene ID	57162
SwissProt ID	Q96FA3.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa

Background

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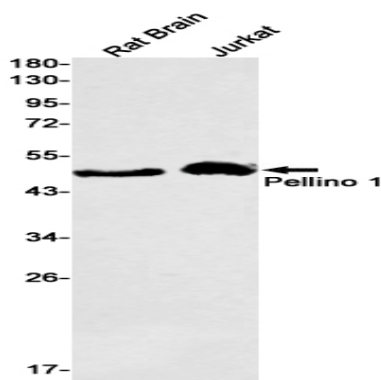


E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins. Involved in the TLR and IL-1 signaling pathways via interaction with the complex containing IRAK kinases and TRAF6. Mediates 'Lys-63'-linked polyubiquitination of IRAK1 allowing subsequent NF-kappa-B 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:29883609). Mediates 'Lys-63'-linked ubiquitination of RIPK1 (PubMed:29883609).

Research Area

Signal Transduction

Image Data



Western blot analysis of Pellino 1 in rat Brain, Jurkat lysates using Pellino 1 antibody.

Note

For research use only.