

Pellino-1 Rabbit Polyclonal Antibody

Catalog #: EAB11953

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	46	Human, Mouse

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting) 1:500-2000

Product Information

Conjugate	Unconjugate
Specificity	Pellino-1 Rabbit Polyclonal Antibody detects endogenous levels of Pellino-1 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	Q96FA3
Entrez-Gene ID	57162

Product Description

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-Kappa-B. 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-epsilon; and TBK1. In addition to phosphorylation, Pellino 1 activity is also modulated via ubiquitination and sumoylation.

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