

AP53445PU-N**Polyclonal Antibody to Death-associated protein 4 (N-term) - Aff - Purified**

Alternate names:	52 kDa repressor of the inhibitor of the protein kinase, DAP4, P52RIPK, PRKRIR, THAP domain-containing protein 0, THAPO, p58IPK-interacting protein
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Upstream regulator of interferon-induced serine/threonine protein kinase R (PKR). May block the PKR-inhibitory function of P58IPK, resulting in restoration of kinase activity and suppression of cell growth.
Uniprot ID:	O43422
NCBI:	NP_004696
GeneID:	5612
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 101-130 amino acids from the N-terminal region of human PRKRIR
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western Blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	87704 Da
Specificity:	This antibody reacts to TRKRIR.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Silva, L.K., et al. Eur. J. Hum. Genet. 18(11):1221-1227(2010) 2. Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) 3. Lee, J.H., et al. Korean J Gastroenterol 42(6):484-495(2003) 4. Lin, Y., et al. J. Biol. Chem. 277(50):47991-48001(2002) 5. Saelens, X., et al. J. Biol. Chem. 276(45):41620-41628(2001)

Pictures:

PRKRIR Antibody (N-term) (Cat. #AP53445PU-N) western blot analysis in MCF-7 cell line lysates (35µg/lane). This demonstrates the PRKRIR antibody detected the PRKRIR protein (arrow).

