

ANKRD28 Antibody

Catalog No: #37103

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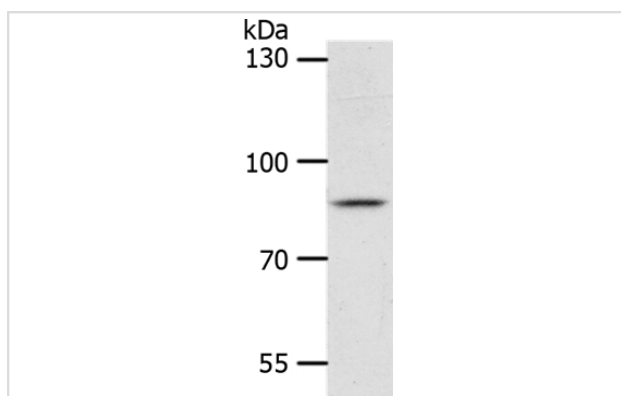
Description

Product Name	ANKRD28 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ANKRD28 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Ankyrin repeat domain 28
Target Name	ANKRD28
Other Names	PITK; PPP1R65
Accession No.	Swiss-Prot#: O15084 NCBI Gene ID: 23243Gene Accsion: NP_056014
Uniprot	O15084
GeneID	23243;
SDS-PAGE MW	96kd
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
Lysate: 40ug Hela cell
Primary antibody: 1/1050 dilution
Secondary antibody dilution: 1/8000
Exposure time: 2 hours

Background

Putative regulatory subunit of protein phosphatase 6 (PP6) that may be involved in the recognition of phosphoprotein substrates. Involved in the PP6-mediated dephosphorylation of NFKBIE opposing its degradation in response to TNF-alpha. Selectively inhibits the phosphatase activity of

PPP1C. Targets PPP1C to modulate HNRPK phosphorylation. ANKRD28 selectively regulated phosphorylation of hnRNP-K at ser284, an effect that was enhanced in vivo by an S1013A/S1017A double mutant, suggesting that ANKRD28 targets PP1 in a regulated manner to dephosphorylate hnRNP-K selectively at ser284.

Note: This product is for in vitro research use only