

ANKRD28 Antibody

Catalog No: #37103

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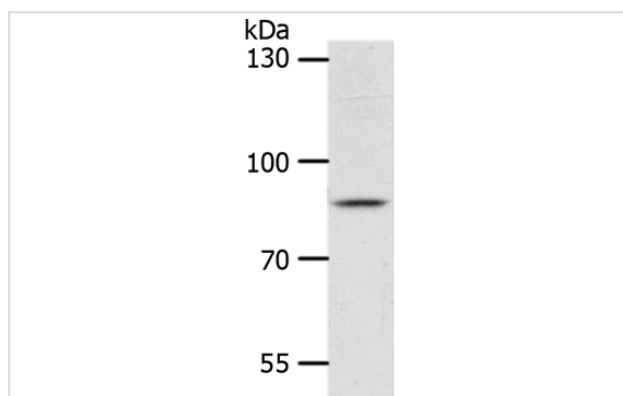
Description

| | |
|-----------------------|---|
| 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