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ANKRD28 Rabbit pAb

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Catalog # AP58799

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O15084
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	112966
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ANKRD28
Epitope Specificity	430-530/1053
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus, nucleoplasm. Note=Seems to be excluded from nucleoli.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ANKRD28 selectively inhibits the phosphatase activity of PPP1C and targets PPP1C to modulate HNRPK phosphorylation. It contains twenty seven ANK repeats. There are two named isoforms.

Additional Information

Gene ID	23243
Other Names	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A, PP6-ARS-A, Serine/threonine-protein phosphatase 6 regulatory subunit ARS-A, Ankyrin repeat domain-containing protein 28, Phosphatase interactor targeting protein hnRNP K, PITK, ANKRD28 (HGNC:29024), KIAA0379
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

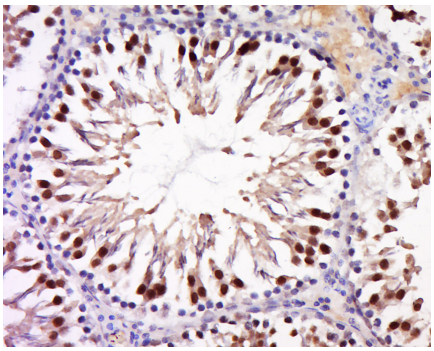
Name	ANKRD28 (HGNC:29024)

Synonyms	KIAA0379
Function	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. Selectively inhibits the phosphatase activity of PPP1C. Targets PPP1C to modulate HNRPK phosphorylation. Involved in the PP6-mediated dephosphorylation of MOB1 and induced focal adhesion assembly during cell migration (PubMed:35512830).
Cellular Location	Nucleus, nucleoplasm. Cytoplasm, cytosol. Cell projection, lamellipodium. Note=Seems to be excluded from nucleoli Mostly localized in the cytosol, but a fraction could be observed at the lamellipodia (PubMed:35512830).

Background

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Images



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-ANKRD28 Polyclonal Antibody, Unconjugated(AP58799) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.