

Rabbit ANKRD28 Polyclonal Antibody | anti-ANKRD28 antibody

Phospho-ANKRD28 (Ser1007) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329784	Rabbit	Human, Mouse Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ANKRD28; Polyclonal Antibody; Phospho-ANKRD28 (Ser1007) Antibody; AI465466; AI604979; ANKRD 28; Ankrd28; Ankyrin repeat domain 28; E430019N21Rik; KIAA0379; mKIAA0379; Phosphatase interactor targeting K protein; Phosphatase interactor targeting protein hnRNP K; PITK; PPP1R65; RGD1559931; anti-ANKRD28 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (88%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-ANKRD28 (Ser1007) Antibody detects endogenous levels of ANKRD28 only when phosphorylated at Ser1007.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ANKRD28 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ANKRD28 around the phosphorylation site of Ser1007.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Protein phosphatase 6 (PP6) holoenzyme is proposed to be a heterotrimeric complex formed by the catalytic subunit, a SAPS domain-containing subunit (PP6R) and an ankyrin repeat-domain containing regulatory subunit (ARS). Interacts with PPP1C and HNRPK. Interacts with PPP6C, PPP6R1 and PPP6R3.
Subcellular Location	Nucleus>Nucleoplasm. Note: Seems to be excluded from nucleoli.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
Staining Human ganstric cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of ANKRD28 (Phospho-Ser1007) using Mouse heart tissue lysates. -/+ means absence or presence of N peptide¼non-phospho peptide) and P peptide(phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-ANKRD28 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	304361757
NCBI GeneID	23243
NCBI Accession #	NP_001182027.1
NCBI GenBank Nucleotide #	NM_001195098.1
UniProt Accession #	O15084; Q1WWL4; Q29RW6; Q3B857; Q6ULS0; Q6ZT57; B4DES5
Molecular Weight	112,966 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A isoform b
NCBI Official Synonym Full Names	ankyrin repeat domain 28
NCBI Official Symbol	ANKRD28
NCBI Official Synonym Symbols	PITK; PPP1R65
NCBI Protein Information	serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A; PP6-ARS-A; phosphatase interactor targeting K protein; ankyrin repeat domain-containing protein 28; protein phosphatase 1, regulatory subunit 65; protein phosphatase 6 ankyrin rep
UniProt Protein Name	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A
UniProt Gene Name	ANKRD28
UniProt Synonym Gene Names	KIAA0379; PP6-ARS-A; Serine/threonine-protein phosphatase 6 regulatory subunit ARS-A; PITK
UniProt Entry Name	ANR28_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ankrd28-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/329784>