

Rabbit Desmoyokin Polyclonal Antibody | anti-AHNAK antibody

Phospho-Desmoyokin (Ser5784) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329673	Rabbit	Human, Mouse, Rat Predicted Reactivity: Bovine (100%), Sheep (100%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Desmoyokin; Polyclonal Antibody; Phospho-Desmoyokin (Ser5784) Antibody; AHNAK; AHNAK nucleoprotein (desmoyokin); AHNAKRS; AHNK_HUMAN; Fragments; MGC5395; Neuroblast differentiation associated protein AHNAK; Neuroblast differentiation-associated protein AHNAK; PM227; anti-AHNAK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Bovine (100%), Sheep (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-Desmoyokin (Ser5784) Antibody detects endogenous levels of Desmoyokin only when phosphorylated at Ser5784.
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-AHNAK antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Desmoyokin around the phosphorylation site of Ser5784.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Interacts with DYSF; the interaction is direct and Ca (2+)-independent.
Subcellular Location	Nucleus.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

At 1/200 staining Human kidney 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.



IHC (Immunohistochemistry)

At 1/200 staining Mouse kidney 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.



IHC (Immunohistochemistry)

Staining Rat spleen 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 Desmoyokin (Phospho-Ser5784) using UV treated HeLa whole cell lysates. -/+ means absence or presence of N peptide¼non-phospho peptide) and P peptide(phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-AHNAK antibody

May be required for neuronal cell differentiation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	427918085
NCBI GeneID	79026
NCBI Accession #	NP_001611.1
NCBI GenBank Nucleotide #	NM_001620
UniProt Accession #	Q09666; A1A586
Molecular Weight	16,061 Da
NCBI Official Full Name	Homo sapiens AHNAK nucleoprotein (AHNAK), transcript variant 1, mRNA
NCBI Official Synonym Full Names	AHNAK nucleoprotein
NCBI Official Symbol	AHNAK
NCBI Official Synonym Symbols	AHNAKRS
NCBI Protein Information	neuroblast differentiation-associated protein AHNAK; AHNAK-related; desmoyokin
UniProt Protein Name	Neuroblast differentiation-associated protein AHNAK
UniProt Gene Name	AHNAK
UniProt Synonym Gene Names	PM227

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/desmoyokin-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/329673>