AHNK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AHNK, Polyclonal Antibody
Full Product Name	AHNK Polyclonal Antibody
Product Gene Name	anti-AHNK antibody
Product Synonym Names	Neuroblast differentiation-associated protein AHNAK; Desmoyokin; AHNAK; PM227
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	647
OMIM	103390
3D Structure	ModBase 3D Structure for Q09666
Immunogen	Synthesized peptide derived from human protein. at AA range: 5720-5800
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-AHNK antibody	Immunohistochemistry (IHC) Paraffin
Application Notes for anti-AHNK antibody	IHC-p: 1:50-300
Related Product Information for anti-AHNK antibody	MBS8529348 is an antibody targeting AHNK. Also known as AHNK Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-AHNK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AHNK. It may not necessarily be applicable to this product.

NCBI GI #	1079280806
NCBI GeneID	79026
NCBI Accession #	NP_001333374.1
UniProt Primary Accession #	Q09666
UniProt Secondary Accession #	A1A586
UniProt Related Accession #	Q09666
GenBank Nucleotide #	NM_001346445.1

NCBI Official Full Name	neuroblast differentiation-associated protein AHNAK isoform 1
NCBI Official Synonym Full Names	AHNAK nucleoprotein
NCBI Official Symbol	AHNAK
NCBI Official Synonym Symbols	PM227; AHNAKRS
UniProt Protein Name	Neuroblast differentiation-associated protein AHNAK
UniProt Synonym Protein Names	Desmoyokin
UniProt Gene Name	AHNAK
UniProt Synonym Gene Names	PM227
NCBI Protein Information	neuroblast differentiation-associated protein AHNAK
NCBI Summary for AHNK	The protein encoded by this gene is a large (700 kDa) structural scaffold protein consisting of a central domain with 128 aa repeats. The encoded protein may play a role in such diverse processes as blood-brain barrier formation, cell structure and migration, cardiac calcium channel regulation, and tumor metastasis. A much shorter variant encoding a 17 kDa isoform exists for this gene, and the shorter isoform initiates a feedback loop that regulates alternative splicing of this gene. [provided by RefSeq, Oct 2016]
UniProt Comments for AHNK	May be required for neuronal cell differentiation.
Research Articles on AHNK	**1.** our results suggest that AHNAK acts as a tumor suppressor that negatively regulates TNBC cell proliferation, TNBC xenograft growth and metastasis via different signaling pathways.
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