

AHNAK Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant AHNAK.

Catalog # AT1072a

Product Information

Application	WB, IP, E
Primary Accession	Q09666
Other Accession	NM_024060
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3G7
Calculated MW	629101

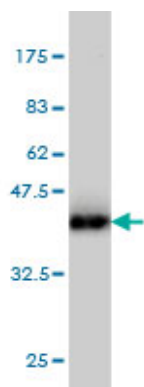
Additional Information

Gene ID	79026
Other Names	Neuroblast differentiation-associated protein AHNAK, Desmoyokin, AHNAK, PM227
Target/Specificity	AHNAK (NP_076965, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	AHNAK Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

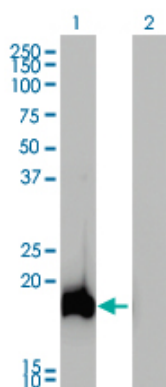
References

1. Proteomic investigation of the interactome of FMNL1 in hematopoietic cells unveils a role in calcium-dependent membrane plasticity. Han Y, Yu G, Sarioglu H, Caballero-Martinez A, Schlott F, Ueffing M, Haase H, Peschel C, Krackhardt AM. J Proteomics. 2012 Nov 24. pii: S1874-3919(12)00756-7. doi: 10.1016/j.jprot.2012.11.015. 2. Ahnak1 interaction is affected by phosphorylation of Ser-296 on Cav? 3. Pankonien I, Otto A, Dascal N, Morano I, Haase H. Biochem Biophys Res Commun. 2012 Apr 4. [Epub ahead of print] 4. Ahnak1 abnormally localizes in muscular dystrophies and contributes to muscle vesicle release. Zacharias U, Purfurst B, Schowel V, Morano I, Spuler S, Haase H. J Muscle Res Cell Motil. 2011 Nov 5. [Epub ahead of print] 5. The C type natriuretic peptide receptor tethers AHNAK1 at the plasma membrane to potentiate arachidonic acid induced calcium mobilization. Alli AA, Gower WR Jr. Am J Physiol Cell Physiol. 2009

Images

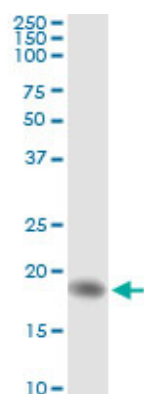


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

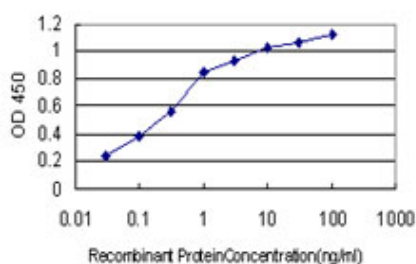


Western Blot analysis of AHNAK expression in transfected 293T cell line by AHNAK monoclonal antibody (M01), clone 3G7.

Lane 1: AHNAK transfected lysate(16 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation of AHNAK transfected lysate using anti-AHNAK monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with AHNAK MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged AHNAK is approximately 0.03ng/ml as a capture antibody.