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TTYH1 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant TTYH1.
Catalog # AT4396a

Product Information

Application	WB, E
Primary Accession	Q9H313
Other Accession	NM_020659
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A9
Calculated MW	49051

Additional Information

Gene ID	57348
Other Names	Protein tweety homolog 1, hTTY1, TTYH1
Target/Specificity	TTYH1 (NP_065710, 261 a.a. ~ 360 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	TTYH1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

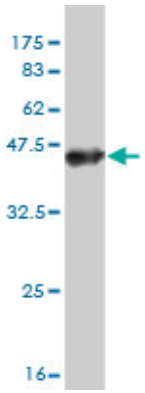
This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Two transcript variants encoding distinct isoforms have been identified for this gene.

References

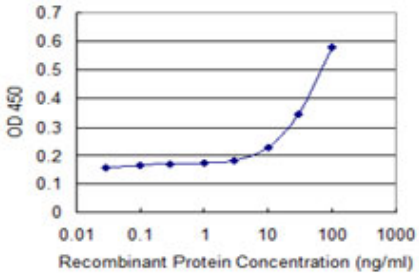
The ubiquitin-protein ligase Nedd4-2 differentially interacts with and regulates members of the Tweety family of chloride ion channels. He Y, et al. J Biol Chem, 2008 Aug 29. PMID 18577513.A novel human Cl(-) channel family related to Drosophila flightless locus. Suzuki M, et al. J Biol Chem, 2004 May 21. PMID

15010458.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Human and mouse homologues of the Drosophila melanogaster tweety (tty) gene: a novel gene family encoding predicted transmembrane proteins. Campbell HD, et al. Genomics, 2000 Aug 15. PMID 10950931.

Images



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



Detection limit for recombinant GST tagged TTYH1 is approximately 3ng/ml as a capture antibody.

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