

ODZ1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ODZ1.

Catalog # AT3146a

Product Information

Application	WB, E
Primary Accession	Q9UKZ4
Other Accession	NM_014253
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3G8
Calculated MW	305011

Additional Information

Gene ID	10178
Other Names	Teneurin-1, Ten-1, Protein Odd Oz/ten-m homolog 1, Tenascin-M1, Ten-m1, Teneurin transmembrane protein 1, Ten-1 intracellular domain, IDten-1, Ten-1 ICD, Teneurin C-terminal-associated peptide, T CPA-1, Ten-1 extracellular domain, Ten-1 ECD, TENM1, ODZ1, TNM1
Target/Specificity	ODZ1 (NP_055068, 2616 a.a. ~ 2725 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	ODZ1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

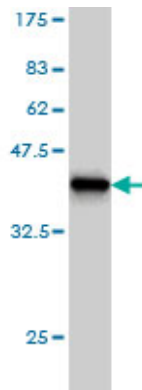
The protein encoded by this gene belongs to the tenascin family and teneurin subfamily. It is expressed in the neurons and may function as a cellular signal transducer. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

References

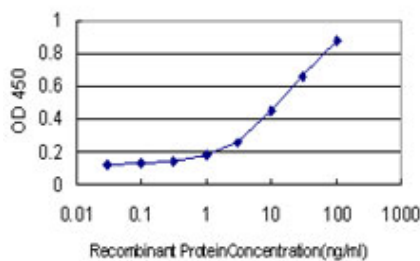
1.C-terminal region of teneurin-1 co-localizes with the dystroglycan complex in adult mouse testes and

regulates testicular size and testosterone production.Chand D, Colacci M, Dixon K, Kollara A, Brown TJ, Lovejoy DA.Histochem Cell Biol. 2013 Oct 24;242.C-terminal processing of the teneurin proteins: Independent actions of a teneurin C-terminal associated peptide in hippocampal cells.Chand D, Casatti CA, de Lannoy L, Song L, Kollara A, Barsyte-Lovejoy D, Brown TJ, Lovejoy DA.Mol Cell Neurosci. 2012 Sep 28. pii: S1044-7431(12)00182-0. doi: 10.1016/j.mcn.2012.09.006.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged ODZ1 is approximately 1ng/ml as a capture antibody.

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