10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TAGLN3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TAGLN3.
Catalog # AT4150a

Specification

TAGLN3 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q9UI15
Other Accession	BC015329
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**22473**

TAGLN3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 29114

Other Names
Transgelin-3, Neuronal protein 22, NP22, Neuronal protein NP25, TAGLN3, NP25

Target/Specificity
TAGLN3 (AAH15329, 1 a.a. ~ 199 a.a) full-length 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
TAGLN3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TAGLN3 Antibody (monoclonal) (M01) - Protocols

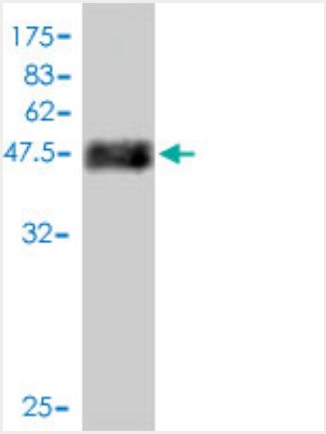
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

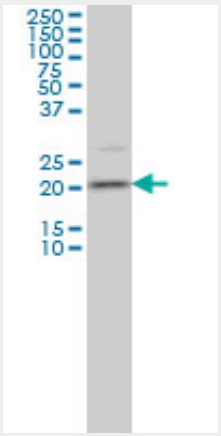
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

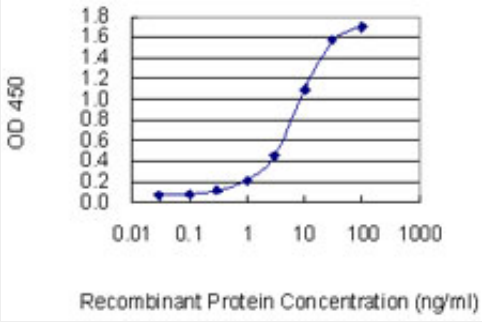
TAGLN3 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (47.63 KDa) .



TAGLN3 monoclonal antibody (M01), clone 1D2 Western Blot analysis of TAGLN3 expression in IMR-32 ((Cat # AT4150a)



Detection limit for recombinant GST tagged TAGLN3 is 0.1 ng/ml as a capture antibody.

TAGLN3 Antibody (monoclonal) (M01) - References

Expression of human neuronal protein 22, a novel cytoskeleton-associated protein, was decreased in the anterior cingulate cortex of schizophrenia. Ito M, et al. Neurosci Lett, 2005 Apr 22. PMID 15781144.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Expression of hNP22 is altered in the frontal cortex and hippocampus of the alcoholic human brain. Depaz I, et al. Alcohol Clin Exp Res, 2003 Sep. PMID 14506410.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.Expressed sequence tag analysis of human retina for the NEIBank Project: retbindin, an abundant, novel retinal cDNA and alternative splicing of other retina-preferred gene transcripts. Wistow G, et al. Mol Vis, 2002 Jun 15. PMID 12107411.