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

LMO3 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant LMO3.
Catalog # AT2724a

Specification

LMO3 Antibody (monoclonal) (M04) - Product Information

Application	**WB, E**
Primary Accession	Q8TAP4
Other Accession	NM_018640
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**16594**

LMO3 Antibody (monoclonal) (M04) - Additional Information

Gene ID 55885

Other Names
LIM domain only protein 3, LMO-3, Neuronal-specific transcription factor DAT1, Rhombotin-3, LMO3, RBTN3, RBTNL2, RHOM3

Target/Specificity
LMO3 (NP_061110, 91 a.a. ~ 146 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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
LMO3 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

LMO3 Antibody (monoclonal) (M04) - Protocols

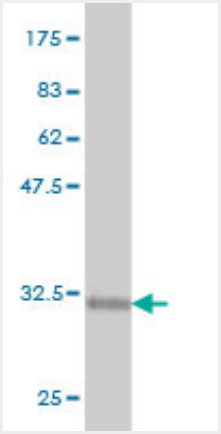
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

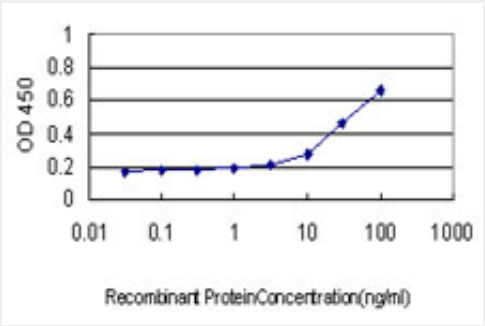
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LMO3 Antibody (monoclonal) (M04) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (32.16 KDa) .



Detection limit for recombinant GST tagged LMO3 is approximately 3ng/ml as a capture antibody.

LMO3 Antibody (monoclonal) (M04) - References

The dopamine transporter gene (DAT1) polymorphism is associated with premature ejaculation. Santtila P, et al. J Sex Med, 2010 Apr. PMID 20141587.LMO3 interacts with p53 and inhibits its transcriptional activity. Larsen S, et al. Biochem Biophys Res Commun, 2010 Feb 12. PMID 19995558.A neurochemical approach to valuation sensitivity over gains and losses. Zhong S, et al. Proc Biol Sci, 2009 Dec 7. PMID 19726478.Verbal but not performance IQ is highly correlated to externalizing behavior in boys with ADHD carrying both DRD4 and DAT1 risk genotypes. Kebir O, et al. Prog Neuropsychopharmacol Biol Psychiatry, 2009 Aug 31. PMID 19409950.Relations between multi-informant assessments of ADHD symptoms, DAT1, and DRD4. Gizer IR, et al. J Abnorm Psychol, 2008 Nov. PMID 19025233.