

LMO3 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant LMO3.

Catalog # AT2725a

Product Information

Application	WB, IF, E
Primary Accession	Q8TAP4
Other Accession	NM_018640
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4C4
Calculated MW	16594

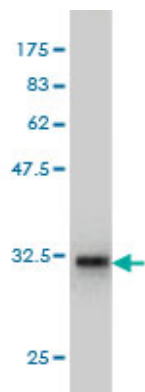
Additional Information

Gene ID	55885
Other Names	LIM domain only protein 3, LMO-3, Neuronal-specific transcription factor DAT1, Rhombotin-3, LMO3, RBTN3, RBTN2, 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 IF~~1:50~200 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	LMO3 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

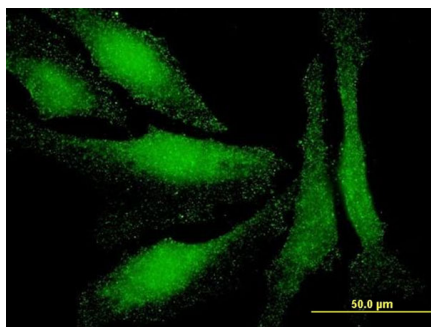
References

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.

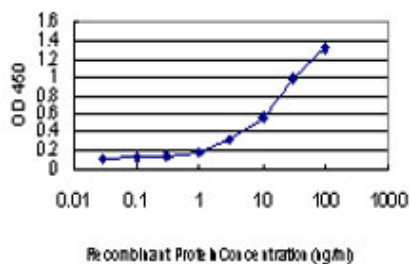
Images



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



Immunofluorescence of monoclonal antibody to LMO3 on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged LMO3 is approximately 0.1ng/ml as a capture antibody.

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