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LUC7L Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant LUC7L.
Catalog # AT2748a

Product Information

Application	WB, IF, IP
Primary Accession	Q9NQ29
Other Accession	NM_018032
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D10
Calculated MW	43728

Additional Information

Gene ID	55692
Other Names	Putative RNA-binding protein Luc7-like 1, Putative SR protein LUC7B1, SR+89, LUC7L, LUC7L1
Target/Specificity	LUC7L (NP_060502, 1 a.a. ~ 111 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 IP~~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	LUC7L Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

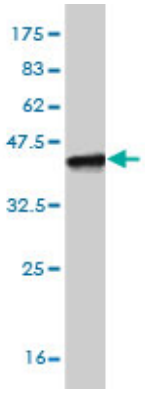
The LUC7L gene may represent a mammalian heterochromatic gene, encoding a putative RNA-binding protein similar to the yeast Luc7p subunit of the U1 snRNP splicing complex that is normally required for 5-prime splice site selection (Tufarelli et al., 2001 [PubMed 11170747]).

References

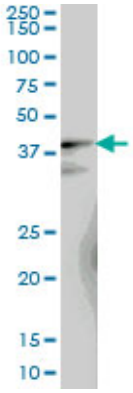
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Gene-centric association signals for lipids and apolipoproteins identified

via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.

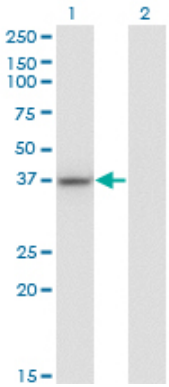
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (38.21 KDa) .

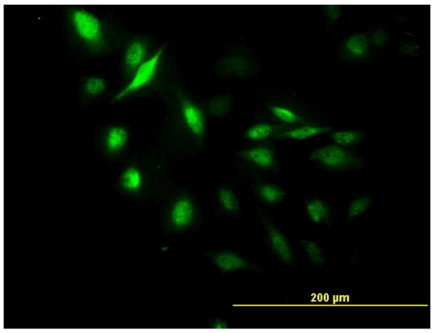


LUC7L monoclonal antibody (M05), clone 2D10 Western Blot analysis of LUC7L expression in IMR-32 ((Cat # AT2748a)



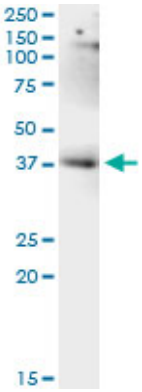
Western Blot analysis of LUC7L expression in transfected 293T cell line by LUC7L monoclonal antibody (M05), clone 2D10.

Lane 1: LUC7L transfected lysate (Predicted MW: 38.4 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to LUC7L on HeLa cell. [antibody concentration 10 ug/ml]

Immunoprecipitation of LUC7L transfected lysate using



anti-LUC7L monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with LUC7L monoclonal antibody.

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