

LGR7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant LGR7.
Catalog # AT2704a

Product Information

Application	WB, E
Primary Accession	Q9HBX9
Other Accession	NM_021634
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3E4
Calculated MW	86975

Additional Information

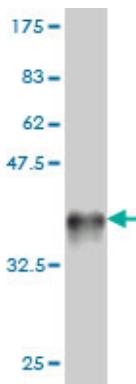
Gene ID	59350
Other Names	Relaxin receptor 1, Leucine-rich repeat-containing G-protein coupled receptor 7, Relaxin family peptide receptor 1, RXFP1, LGR7
Target/Specificity	LGR7 (NP_067647, 68 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	LGR7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

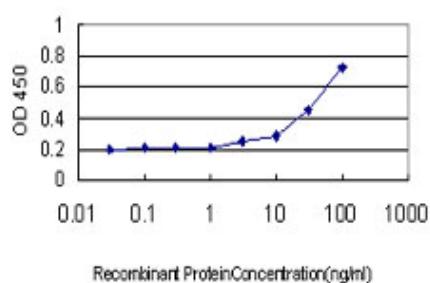
- Localization of relaxin receptors in arteries and veins, and region-specific increases in compliance and bradykinin-mediated relaxation after in vivo serorelaxin treatment.Jelinic M, Leo CH, Uiterweer ED, Sandow SL, Gooi JH, Wlodek ME, Conrad KP, Parkington H, Tare M, Parry LJ.FASEB J. 2014 Jan;28(1):275-87. doi: 10.1096/fj.13-233429. Epub 2013 Sep 13.2.Relaxin regulates hyaluronan synthesis and aquaporins in the cervix of late pregnant mice.Soh YM, Tiwari A, Mahendroo M, Conrad KP, Parry LJ.Endocrinology. 2012 Dec;153(12):6054-64. doi: 10.1210/en.2012-1577. Epub 2012 Oct 19.3.Effect of Relaxin on Human Sperm Functions and Fertilizing Ability.Ferlin A, Menegazzo M, Gianesello L, Selice R, Foresta C.J Androl. 2011 Sep 8.4.Primate preimplantation embryo is a target for relaxin during early pregnancy.Vandervoort CA, Mtango NR, Latham KE, Stewart DR.Fertil Steril. 2011 Jul;96(1):203-7. Epub 2011 Jun 8.5.Suppression of Relaxin

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Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 KDa).



Detection limit for recombinant GST tagged LGR7 is approximately 3ng/ml as a capture antibody.

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