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GNRHR2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GNRHR2.
Catalog # AT2234a

Product Information

Application	WB, E
Primary Accession	Q96P88
Other Accession	NM_057163
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A5
Calculated MW	32537

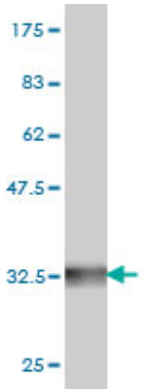
Additional Information

Other Names	Putative gonadotropin-releasing hormone II receptor, GnRH II receptor, GnRH-II-R, Type II GnRH receptor, GNRHR2
Target/Specificity	GNRHR2 (NP_001457, 237 a.a. ~ 292 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	GNRHR2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

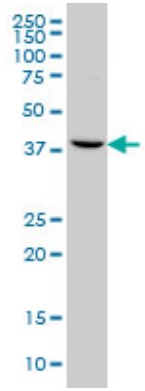
Background

The receptor for gonadotropin releasing hormone 2 (GnRH2) is encoded by the GnRH2 receptor (GnRHR2) gene. In non-hominoid primates and non-mammalian vertebrates, GnRHR2 encodes a seven-transmembrane G-protein coupled receptor. However, in human, the N-terminus of the predicted protein contains a frameshift and premature stop codon. In human, GnRHR2 transcription occurs but whether the gene produces a functional C-terminal multi-transmembrane protein is currently unresolved. Alternative splice variants have been reported. An untranscribed pseudogene of GnRHR2 is also on chromosome 14. [provided by RefSeq]

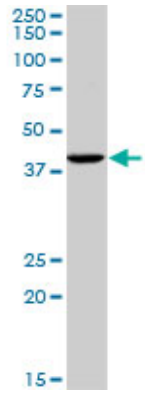
Images



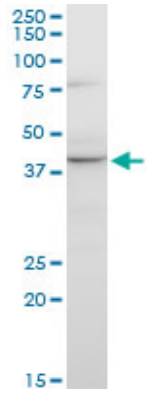
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.9 KDa) .



GNRHR2 monoclonal antibody (M01), clone 4A5 Western Blot analysis of GNRHR2 expression in HeLa ((Cat # AT2234a)

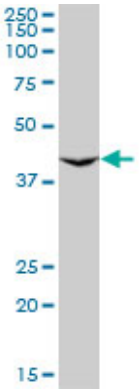


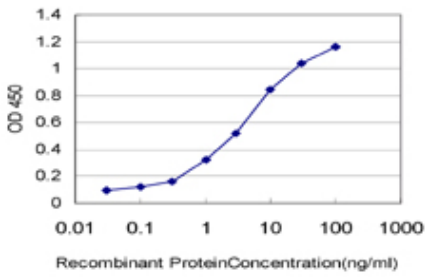
GNRHR2 monoclonal antibody (M01), clone 4A5. Western Blot analysis of GNRHR2 expression in HepG2 ((Cat # AT2234a)



GNRHR2 monoclonal antibody (M01), clone 4A5. Western Blot analysis of GNRHR2 expression in Raw 264.7((Cat # AT2234a)

GNRHR2 monoclonal antibody (M01), clone 4A5. Western Blot analysis of GNRHR2 expression in NIH/3T3 ((Cat # AT2234a)





Detection limit for recombinant GST tagged GNRHR2 is approximately 0.03ng/ml as a capture antibody.

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