



# GNRR2 Monoclonal Antibody

Catalog No	BYmab-07400
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GNRHR2
Protein Name	Putative gonadotropin-releasing hormone II receptor (GnRH II receptor) (GnRH-II-R) (Type II GnRH receptor)
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	GNRR2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	32kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed in many tissues.
Function	caution:Could be the product of a pseudogene. This protein seems to be substantially shorter than orthologous proteins in related organisms.,function:Receptor for gonadotropin releasing hormone II (GnRH II). This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system .,PTM:Phosphorylated on the C-terminal cytoplasmic tail.,sequence caution:Translated as stop.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in many tissues.,
Background	In non-hominoid primates and non-mammalian vertebrates, the gonadotropin releasing hormone 2 receptor gene (GNRHR2) encodes a seven-transmembrane G-protein coupled receptor. However, in human, the corresponding reading frame

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contains a premature stop codon, which has been suggested to encode a selenocysteine residue, but there is no solid evidence for selenocysteine incorporation (PMID: 12538601). It appears that the human GnRHR2 transcription occurs but the gene does not likely produce a functional multi-transmembrane protein. A non-transcribed pseudogene of GnRHR2 is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2013],

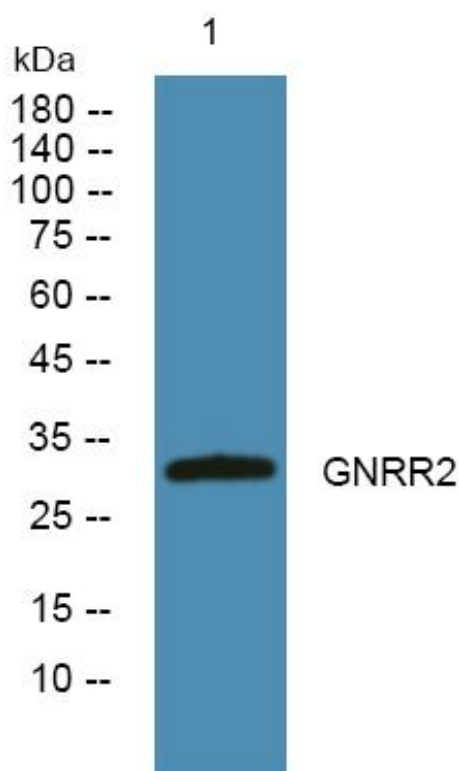
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using GNRR2 Monoclonal Antibody