



IGF-IIR Polyclonal Antibody

Catalog No BYab-13721 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB;IF;ELISA Gene Name IGF2R Protein Name Cation-independent mannose-6-phosphate receptor Immunogen The antiserum was produced against synthesized peptide derived from the C-terminal region of human IGF2R. AA range:2251-2300 Specificity IGF-IIR Polyclonal Antibody detects endogenous levels of IGF-IIR protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms IGF2R: MPRI; Cation-independent mannose-6-phosphate receptor; CI Man-6-P receptor; GI-MPR; M6PR; 300 kDa mannose 6-phosphate receptor; MPR 300;Insulin-like growth factor 2 receptor; Insulin-like growth factor II receptor; MGP/IGF2R; CD222 Observed Band 250kD Cell Pathway Golgi apparatus membrane; Single-pass type I memb		
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Nanjing BYabscience technology Co.,Ltd

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	bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelyosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2.,similarity:Belongs to the MRL1/IGF2R family.,similarity:Contains 1 fibronectin type-II domain.,subunit:Binds GGA1, GGA2 and GGA3.,
Background	This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate. The binding sites for each ligand are located on different segments of the protein. This receptor has various functions, including in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. Mutation or loss of heterozygosity of this gene has been association with risk of hepatocellular carcinoma. The orthologous mouse gene is imprinted and shows exclusive expression from the maternal allele; however, imprinting of the human gene may be polymorphic, as only a minority of individuals showed biased expression from the maternal allele (PMID:8267611). [provided by RefSeq, Nov 2015],
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
MCF7 300 250 180 130 100 70	Western Blot analysis of MCF7 cells using IGF-IIR Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000
(kD) 170- 130- 95- 72- 55-	Western blot analysis of lysate from MCF7 cells, using IGF2R Antibody.

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