

IGF-IIR Rabbit pAb

CatalogNo: YT5269

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IF, ELISA

MW

- 250kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the C-terminal region of human IGF2R. AA range: 2251-2300

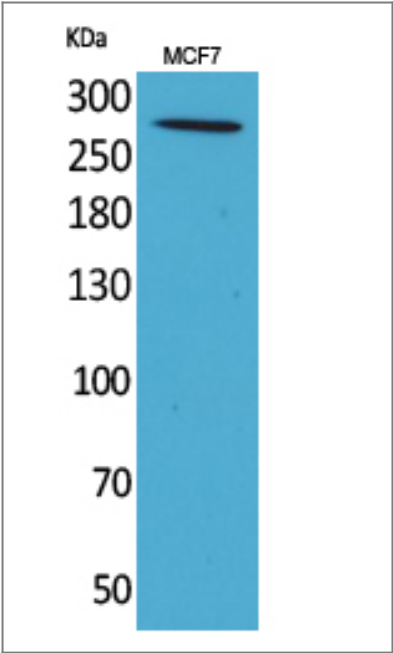
Specificity

IGF-IIR Polyclonal Antibody detects endogenous levels of IGF-IIR protein.

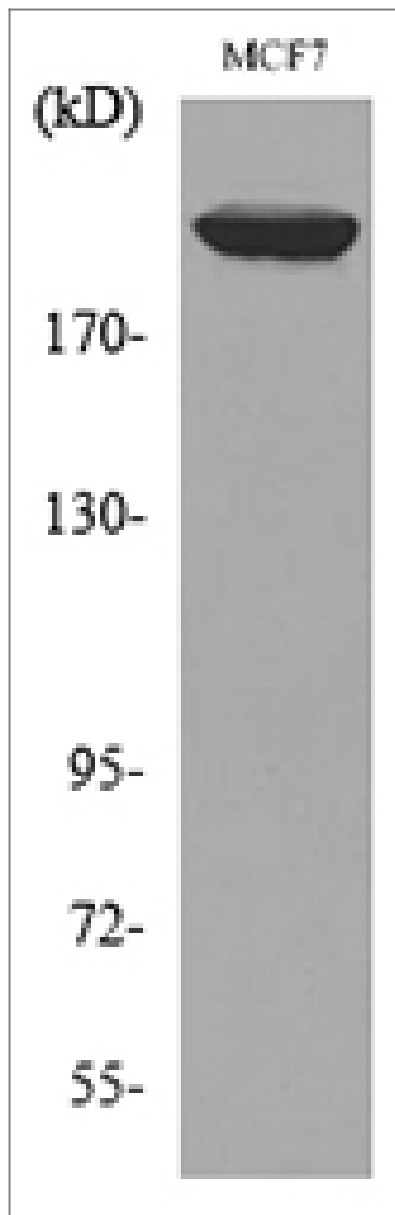
Target Information

Gene name	IGF2R MPRI		
Protein Name	Cation-independent mannose-6-phosphate receptor		
	Organism	Gene ID	UniProt ID
	Human	3482;	P11717;
	Mouse	16004;	Q07113;
Cellular Localization	Golgi apparatus membrane ; Single-pass type I membrane protein . Endosome membrane ; Single-pass type I membrane protein . Mainly localized in the Golgi at steady state and not detectable in lysosome (PubMed:18817523). Colocalized with DPP4 in internalized cytoplasmic vesicles adjacent to the cell surface (PubMed:10900005). .		
Tissue specificity	Brain,Epithelium,Liver,		
Function	Domain:Contains 15 repeating units of approximately 147 AA. The most highly conserved region within the repeat consists of a stretch of 13 AA that contains cysteines at both ends.,Function:Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes 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 prelysosomal 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.,		

Validation Data



Western Blot analysis of MCF7 cells using IGF-IIR Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from MCF7 cells, using IGF2R Antibody.

Contact information

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