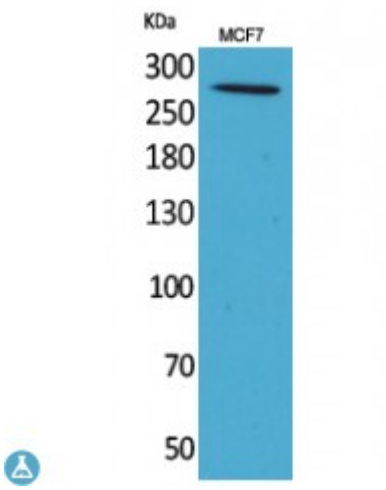
Anti-IGF-IIR antibody



Description	Rabbit polyclonal to IGF-IIR.

Model	STJ96634
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human IGF-IIR.
Immunogen Region	2251-2300 aa, C-terminal
Gene ID	3482
Gene Symbol	IGF2R
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	IGF-IIR Polyclonal Antibody detects endogenous levels of IGF-IIR protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cation-independent mannose-6-phosphate receptor CI Man-6-P receptor CI-MPR M6PR 300 kDa mannose 6-phosphate receptor MPR 300 Insulin-like growth factor 2 receptor Insulin-like growth factor II receptor IGF-I
Molecular Weight	270 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5467OMIM:147280
Alternative Names	Cation-independent mannose-6-phosphate receptor CI Man-6-P receptor CI-MPR M6PR 300 kDa mannose 6-phosphate receptor MPR 300 Insulin-like growth factor 2 receptor Insulin-like growth factor II receptor IGF-I
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 prelyosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.
Sequence and Domain Family	Contains 15 repeating units of approximately 147 AA harboring four disulfide bonds each. The most highly conserved region within the repeat consists of a stretch of 13 AA that contains cysteines at both ends.
Cellular Localization	Lysosome membrane. Colocalized with DPP4 in internalized cytoplasmic vesicles adjacent to the cell surface.