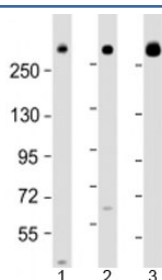


IGF2R Antibody (F53870)

Catalog No.	Formulation	Size
F53870-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P11717
Applications	Western Blot : 1:1000-2000
Limitations	This IGF2R antibody is available for research use only.



Western blot testing of human 1) 293T/17, 2) HeLa and 3) Jurkat cell lysate with IGF2R antibody at 1:2000. Predicted molecular weight: 274 kDa.

Description

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. Acts as a positive regulator of T-cell coactivation, by binding DPP4.

Application Notes

Titration of the IGF2R antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

A portion of amino acids 2424-2458 from the human protein was used as the immunogen for the IGF2R antibody.

Storage

Aliquot the IGF2R antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.