

## IGF2R Antibody

Catalog No: #37644

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

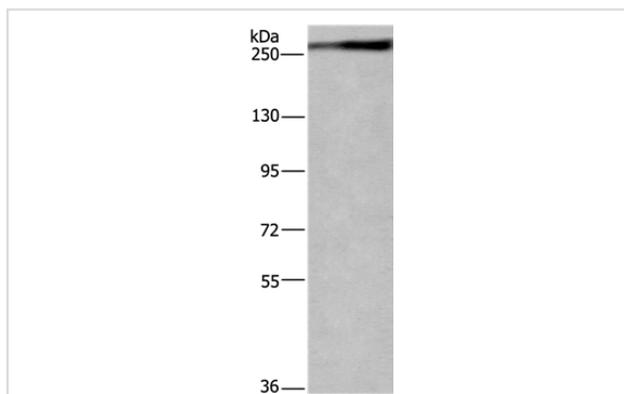
Product Name	IGF2R Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total IGF2R protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human insulin-like growth factor 2 receptor
Target Name	IGF2R
Other Names	MPR1; MPRI; CD222; CIMPR; M6P-R
Accession No.	Swiss-Prot#: P11717NCBI Gene ID: 3482Gene Accssion: NP_000867
Uniprot	P11717
GeneID	3482;
SDS-PAGE MW	274kd
Concentration	3.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

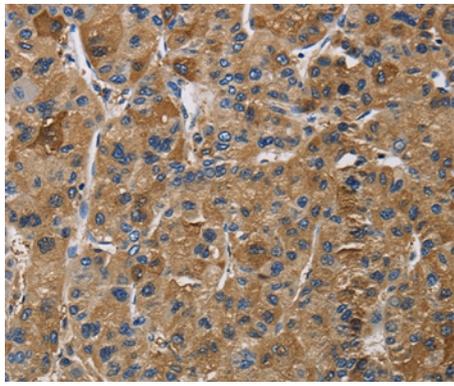
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 6%SDS-PAGE  
 Lysate: 40ug Jurkat cell  
 Primary antibody: 1/400 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 3 minutes



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37644 at dilution 1/50.

## Background

This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate, although the binding sites for either are located on different segments of the receptor. This receptor functions in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. While the related mouse gene shows exclusive expression from the maternal allele, imprinting of the human gene appears to be polymorphic, with only a minority of individuals showing expression from the maternal allele.

Note: This product is for in vitro research use only