

A3610

Leader in Biomolecular Solutions for Life Science



Cation-independent M6PR (IGF2R) Rabbit pAb

Catalog No.: A3610

1 Publications

Basic Information

Observed MW

274kDa

Calculated MW

274kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

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 associated 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).

Recommended Dilutions

WB

1:500 - 1:2000

Immunogen Information

Gene ID

3482

Swiss Prot

P11717

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MPR1; MPRI; CD222; CIMPR; M6P-R; MPR300; CI-M6PR; MPR 300; M6P/IGF2R; Cation-independent M6PR (IGF2R)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.