

GRB10 Rabbit pAb

Catalog No.: A0634 **1 Publications**

Basic Information

Observed MW

70kDa

Calculated MW

67kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with insulin receptors and insulin-like growth-factor receptors. Overexpression of some isoforms of the encoded protein inhibits tyrosine kinase activity and results in growth suppression. This gene is imprinted in a highly isoform- and tissue-specific manner, with expression observed from the paternal allele in the brain, and from the maternal allele in the placental trophoblasts. Alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

2887

Swiss Prot

Q13322

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GRB10 (NP_005302.3).

Synonyms

RSS; IRBP; MEG1; GRB-IR; Grb-10; GRB10

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

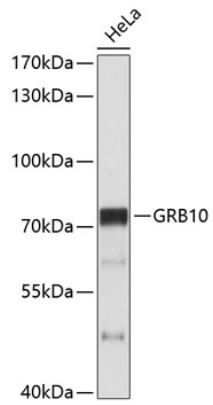
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HeLa cells, using GRB10 antibody (A0634) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.