

GRB10 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03803
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GRB10. AA range:33-82
Mol wt	67231
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GRB10 Antibody
Synonyms	GRB10; GRBIR; KIAA0207; Growth factor receptor-bound protein 10; GRB10 adapter protein; Insulin receptor-binding protein Grb-IR

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Growth factor receptor-bound protein 10 belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. GRB10 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. GRB10 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 Dilution

WB: 1: 500 - 1: 2000

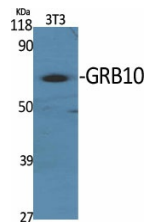
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

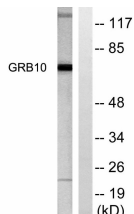
ELISA: 1: 5000

Not yet tested in other applications.

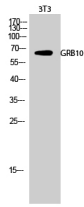
Images



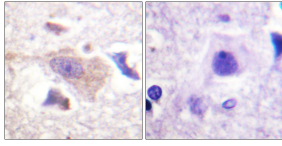
Western Blot analysis of various cells using GRB10 Polyclonal Antibody diluted at 1:2000



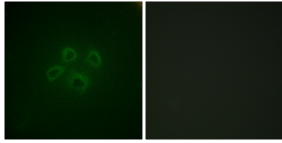
Western blot analysis of lysates from NIH/3T3 cells, treated with Insulin 0.01U/ml 15', using GRB10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using GRB10 Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GRB10 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HepG2 cells, using GRB10 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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