

GRB2 Polyclonal Antibody

Catalog number: 10254-2-AP

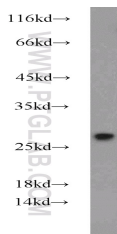
Size: 30 µg/150 µl

Source: Rabbit

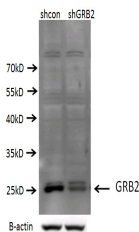
Isotype: IgG

Synonyms:

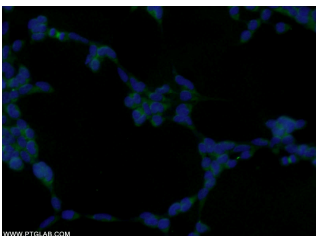
GRB2; Adapter protein GRB2, ASH, EGFRBP GRB2, GRB2, Grb3 3, MST084, MSTP084, Protein Ash, SH2/SH3 adapter GRB2



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10254-2-AP (GRB2 antibody) at dilution of 1:1000



C2C12 cells (shcontrol and shRNA of GRB2) were subjected to SDS PAGE followed by western blot with 10254-2-AP (GRB2 antibody) at dilution of 1:1000. (Data provided by Angran Biotech (www.miRNAlab.com)).



Immunofluorescent analysis of HEK-293 cells using 10254-2-AP (GRB2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

GRB2 (growth factor receptor-bound protein 2) binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. N-SH3 domain of Grb2 was involved in the protein vesicular localization including amyloid-β protein precursor (AβPP). Involvement of GRB2 in Ras-signaling pathway has been reported, recent finding show that GRB2 may also play a complex role in T and B-cell antigen receptor signaling.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated GRB2 MW:	25 kDa
Observed GRB2 MW:	25-28kd
Positive WB detected in	HEK-293 cells, A431 cells, C2C12 cells, rat brain tissue, rat spleen tissue
Positive IF detected in	HEK-293 cells
Recommended dilution:	WB: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0395
GenBank accession number:	BC000631
Gene ID (NCBI):	2885
Full name:	Growth factor receptor-bound protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.