GRB2 polyclonal antibody

Catalog: BS7126	Host: Rabbit	Reactivity: Human, Mouse

BackGround:

Growth factor receptor bound protein 2 (GRB2), also known as Ash protein, is a 24 kDa protein that contains a central Src homology (SH2) domain flanked by two SH3 domains. GRB2 is believed to be a regulatory subunit of signaling molecules whose activity is modulated by receptor binding. GRB2 associates with activated (tyrosine phosphorylated) EGFR and PDGFR via its SH2 domain as well as IRS1, SHC, and LNK through SH2 and SH3 domains. The SH3 domain binds to SOS, a guanine nucleotide exchange factor for Ras proteins. Endocytosis of activated EGFR requires the interaction of GRB2 with the GTP binding protein dynamin, a factor essential to the formation of endocytotic vesicle. It is ubiquitously expressed and several isoforms are produced by alternative splicing. On SDS PAGE, GRB2 has an apparent molecular weight of 28 kDa.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 32 kDa

Swiss-Prot:

P62993

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000
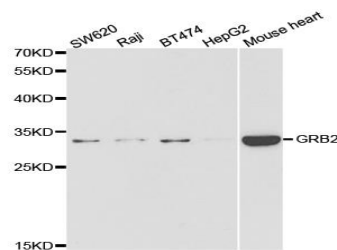
IHC 1:50 - 1:200

IF   1:10 - 1:100

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Specificity:

GRB2 polyclonal antibody detects endogenous levels of GRB2 protein.

DATA:

Western blot analysis of GRB2 polyclonal antibody

Note:

For research use only, not for use in diagnostic procedure.