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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05417 - Goat Anti-GRB7 (N Terminus) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: OTTHUMP00000164352, growth factor receptor-bound protein 7, GRB7

Official Symbol: GRB7

Accession Number(s): NP_005301.2

Human GeneID(s): [2886](#)

Non-Human GeneID(s): 14786 (mouse)

Important Comments: This antibody recognises the longer isoform of this protein in A431 lysate.

Immunogen

Peptide with sequence ELDLSPPHLSSSPE-C, from the N Terminus of the protein sequence according to NP_005301.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

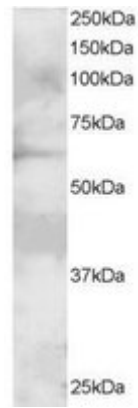
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 60kDa band observed in lysates of cell line A431 (calculated MW of 59.7kDa according to NP_005301.2). In transfected HEK293 transiently expressing GRB7 a band of approx. 60kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml.

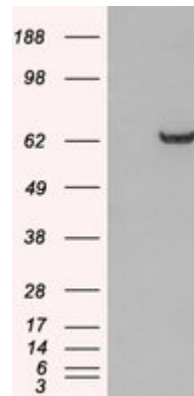
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB05417 staining (2 μ g/ml) of A431 lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



HEK293 overexpressing GRB7 (RC215362) and probed with EB05417 (mock transfection in first lane), tested by Origene.