Affinity Biosciences
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Phospho-GRB10 (Ser476) Ab

Cat.#: AF2347   Concn.: 1mg/ml   Mol.Wt.: 80kDa
Size: 100ul,200ul   Source: Rabbit   Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-GRB10 (Ser476) Ab detects endogenous levels of GRB10.
Immunogen:	A synthesized peptide derived from human GRB10 around the phosphorylation site of Ser476.
Uniprot:	Q13322
Subcellular Location:	Cytoplasm. When complexed with NEDD4 and IGF1R, follows IGF1R internalization, remaining associated with early endosomes. Uncouples from IGF1R-containing endosomes before the sorting of the receptor to the lysosomal compartment.
Tissue Specificity:	Widely expressed in fetal and adult tissues, including fetal and postnatal liver, lung, kidney, skeletal muscle, heart, spleen, skin and brain.
Similarity:	The PH domain binds relatively non-specifically to several phosphoinositides, including PI5P, PI(4,5)P2, PI(3,4)P2 and PI(3,4,5)P3, with modest affinities.Belongs to the GRB7/10/14 family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.
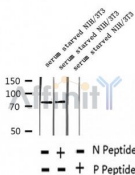
Western blot analysis of extracts of serum starved NIH/3T3 cells, using Phospho-GRB10 (Ser476) Ab .
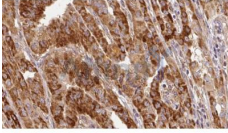
AF2347 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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