

Product Name: GRF-1 (phospho Tyr1105) Rabbit Polyclonal Antibody
Catalog #: APRab04746

Summary

Production Name	GRF-1 (phospho Tyr1105) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC, WB,
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ARHGAP35 ARHGAP35; GRF1; GRLF1; KIAA1722; Rho GTPase-activating protein 35; Glucocorticoid receptor DNA-binding factor 1; Glucocorticoid receptor repression factor 1; GRF-1; Rho GAP p190A; p190-A
Alternative Names	
Gene ID	2909.0
SwissProt ID	Q9NRY4. The antiserum was produced against synthesized peptide derived from human GRF-1 around the phosphorylation site of Tyr1105. AA range: 1071-1120

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000..
Molecular Weight	160kD

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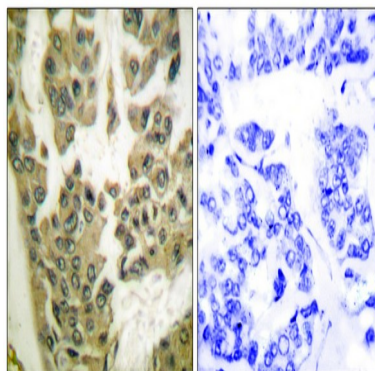
Background

The human glucocorticoid receptor DNA binding factor, which associates with the promoter region of the glucocorticoid receptor gene (hGR gene), is a repressor of glucocorticoid receptor transcription. The amino acid sequence deduced from the cDNA sequences show the presence of three sequence motifs characteristic of a zinc finger and one motif suggestive of a leucine zipper in which 1 cysteine is found instead of all leucines. The GRLF1 enhances the homologous down-regulation of wild-type hGR gene expression. Biochemical analysis suggests that GRLF1 interaction is sequence specific and that transcriptional efficacy of GRLF1 is regulated through its interaction with specific sequence motif. The level of expression is regulated by glucocorticoids. [provided by RefSeq, Jul 2008],function:Represses transcription of the glucocorticoid receptor by binding to the cis-acting regulatory sequence 5'-GAGAAAAGAACTGGAGAACTC-3'. May participate in the regulation of retinal development and degeneration. May transduce signals from p21-ras to the nucleus, acting via the ras GTPase-activating protein (GAP). May also act as a tumor suppressor.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,PTM:Tyrosine phosphorylated.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 4 FF domains.,subunit:Interacts with p120GAP.,

Research Area

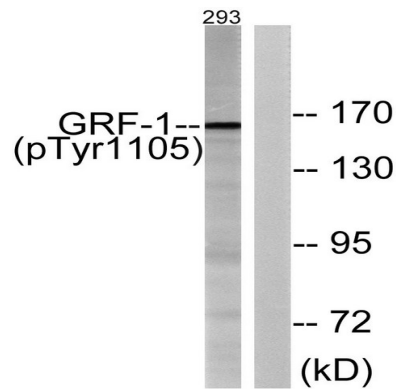
Focal adhesion;Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;

Image Data

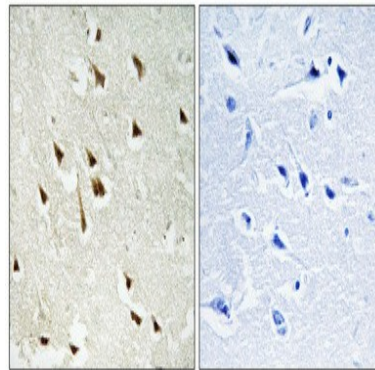


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GRF-1 (Phospho-Tyr1105) Antibody. The picture on the right is blocked with the phospho peptide.

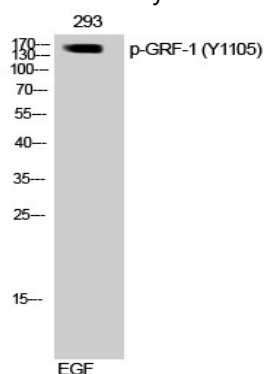
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Western blot analysis of lysates from 293 cells treated with EGF 200ng/ml 30', using GRF-1 (Phospho-Tyr1105) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of 3T3 cells using Phospho-GRF-1 (Y1105) Polyclonal Antibody

Note

For research use only.