

**GRF-1 (phospho Tyr1087) rabbit pAb****Cat#: orb768543 (Manual)**

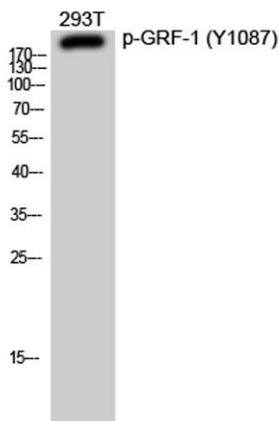
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	GRF-1 (phospho Tyr1087) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized phospho-peptide around the phosphorylation site of human GRF-1 (phospho Tyr1087)
<b>Specificity</b>	Phospho-GRF-1 (Y1087) Polyclonal Antibody detects endogenous levels of GRF-1 protein only when phosphorylated at Y1087.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Rho GTPase-activating protein 35
<b>Gene Name</b>	ARHGAP35
<b>Cellular localization</b>	Cytoplasm, cytoskeleton, cilium basal body . Cytoplasm . Nucleus . Cell membrane . In response to integrins and SDC4 and upon phosphorylation by PKC, relocalizes from the cytoplasm to regions of plasma membrane ruffling where it colocalizes with polymerized actin. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

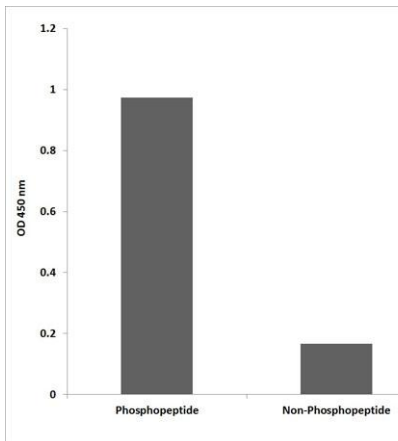
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	190kD
<b>Human Gene ID</b>	2909
<b>Human Swiss-Prot Number</b>	Q9NRY4
<b>Alternative Names</b>	ARHGAP35; GRF1; GRLF1; KIAA1722; Rho GTPase-activating protein 35; Glucocorticoid receptor DNA-binding factor 1; Glucocorticoid receptor repression factor 1; GRF-1; Rho GAP p190A; p190-A

## Background

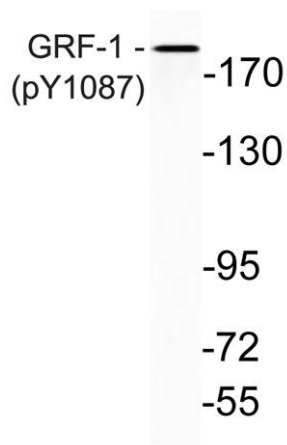
The human glucocorticoid receptor DNA binding factor, which associates with the promoter region of the glucocorticoid receptor gene (hGR gene), is a repressor of glucocorticoid receptor transcription. The amino acid sequence deduced from the cDNA sequences show the presence of three sequence motifs characteristic 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],



**Western Blot analysis of 293T cells using Phospho-GRF-1 (Y1087) Polyclonal Antibody diluted at 1:1000**



**Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GRF-1 (Phospho-Tyr1087) Antibody**



**Western blot analysis of lysates from K562 cells, using phospho-GRF-1 (Phospho-Tyr1087) antibody.**