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Rabbit Anti-phospho-GRLF1 (Tyr1105) antibody

SL16323R

Product Name:	phospho-GRLF1 (Tyr1105)
Chinese Name:	磷酸化糖皮质激素受体DNA结合因子1抗体
Alias:	GRLF1 (phospho Y1105); p-GRLF1 (phospho Tyr1105); ARHGAP35; GAP associated protein p190; Glucocorticoid receptor DNA binding factor 1; Glucocorticoid receptor DNA-binding factor 1; Glucocorticoid receptor repression factor 1; Glucocorticoid receptor repression factor 1; GRF 1; GRF-1; GRF1; GRLF 1; GRLF1; GRLF1_HUMAN; KIAA1722; MGC10745; p190 A; p190-A; P190A; P190A, rat, homolog of; p190ARhoGAP; p190RhoGAP; Rho GAP p190A; Rho GAP p190A; Rho GTPase-activating protein 35.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	171kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human GRLF1 around the phosphorylation site of Tyr1105:NI(p-Y)SV
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed:	PubMed
Product Detail:	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'-GAGAAAAGAAACTGGAGAAACTC-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. **Subcellular Location:** Cytoplasm. Nucleus. **Post-translational modifications:** Tyrosine phosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR. **Similarity:** Contains 4 FF domains. Contains 1 Rho-GAP domain. **SWISS:** Q9NRY4 **Gene ID:** 2909 **Database links:** Entrez Gene: 2909 Human Entrez Gene: 232906 Mouse Entrez Gene: 306400 Rat Omim: 605277 Human

	SwissProt: Q9NRY4 Human SwissProt: Q91YM2 Mouse SwissProt: P81128 Rat Unigene: 509447 Human Unigene: 28646 Mouse Unigene: 400358 Mouse Unigene: 16508 Rat Unigene: 222475 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.