# Phospho-GRF-1 (Tyr1087) Polyclonal Antibody

**Catalog No.** E-AB-20883

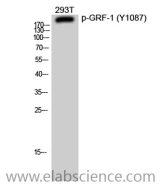
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

| | |
|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Synthesized peptide derived from human GRF-1 around the phosphorylation site of Y1087. |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Buffer** | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **ELISA** | 1:10000 |

## Data




Western Blot analysis of 293T cells using Phospho-GRF-1 (Tyr1087) Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:190kDa**

**Calculated Mw:172kDa**

## Preparation & Storage

**Storage** Store at -20℃. Avoid freeze / thaw cycles.

## 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.



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