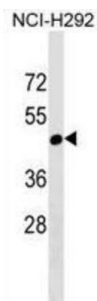


## Ral Guanine Nucleotide Dissociation Stimulator-Like 4 (RGL4) Antibody

Catalogue No.: abx029646



Ral GDS (Ral guanine nucleotide dissociation stimulator) is a guanine nucleotide exchange factor (GEF) that activates Ral and is implicated in oncogenic Ras-induced cell transformation. RGL4 (ral guanine nucleotide dissociation stimulator-like 4), also known as Rgr, is a 473 amino acid protein that localizes to the cytoplasmic vesicle of cells. Belonging to the GEF family of proteins, RGL4 induces phosphorylation of ERKs, p38 and JNK kinases, and it increases the levels of GTP bound forms of Ral and Ras. Ras activation is crucial for the transforming activity of RGL4. Due to its similarity to Ral GDS, RGL4 may be implicated in carcinogenesis.

<b>Target:</b>	Ral Guanine Nucleotide Dissociation Stimulator-Like 4 (RGL4)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 98-125 amino acids from the N-terminal region of human RGL4.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein A column, followed by peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 3.0.0

Revision date: 02 May 2025



**UniProt Primary AC:** Q8IZJ4 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** RGL4

**KEGG:** hsa:266747

**String:** [9606.ENSP00000290691](#)

**Molecular Weight:** Calculated MW: 52.3 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only