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# GPS2 Polyclonal Antibody

Catalog Number: E-AB-92558



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

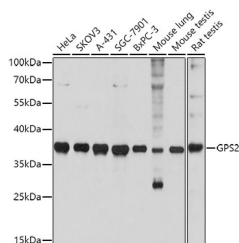
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide of mouse GPS2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.

## Applications Recommended Dilution

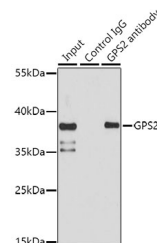
<b>WB</b>	1:500-1:2000
<b>IP</b>	1:20-1:50

## Data



Western blot analysis of extracts of various cell lines using GPS2 Polyclonal Antibody at 1:3000 dilution.

**Observed Mw: 37kDa**  
**Calculated Mw: 20kDa**



Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug GPS2 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using GPS2 Polyclonal Antibody at a dilution of 1:1000.

## Preparation & Storage

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

## Background

This gene encodes a protein involved in G protein-mitogen-activated protein kinase (MAPK) signaling cascades. When overexpressed in mammalian cells, this gene could potentially suppress a RAS- and MAPK-mediated signal and interfere with JNK activity, suggesting that the function of this gene may be signal repression. The encoded protein is an integral subunit of the NCOR1-HDAC3 (nuclear receptor corepressor 1-histone deacetylase 3) complex, and it was shown that the complex inhibits JNK activation through this subunit and thus could potentially provide an alternative mechanism for hormone-mediated antagonism of AP1 (activator protein 1) function.

## For Research Use Only

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