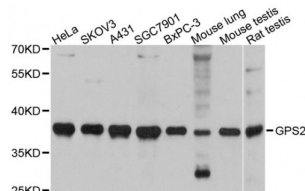


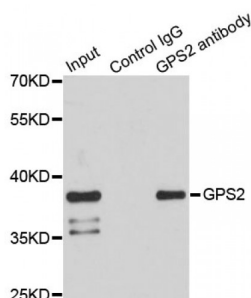
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G Protein Pathway Suppressor 2 (GPS2) Antibody

Catalogue No.: abx002842



Western blot analysis of extracts of various cell lines, using GPS2 antibody (abx002842) at 1:3000 dilution.



Immunoprecipitation analysis of 150 µg extracts of HeLa cells using 3 µg GPS2 antibody (abx002842). Western blot was performed from the immunoprecipitate using GPS2 antibody (abx002842) at a dilution of 1/1000.

GPS2 Antibody is a Rabbit Polyclonal antibody against GPS2. 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.

Target: GPS2

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IP

Recommended dilutions: WB: 1/500 - 1/2000, IP: 1/20 - 1/50. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human GPS2.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 20 kDa Observed MW: 37 kDa
Swiss Prot:	Q13227
GeneID:	2874
Gene Symbol:	GPS2
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.