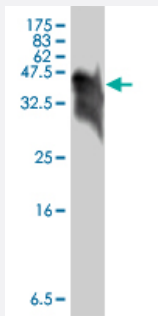


## GPS2 polyclonal antibody (A01)

Catalog # H00002874-A01

Size 50 uL

### Applications



Western Blot detection against Immunogen (37 KDa) .

### Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant GPS2.
<b>Immunogen</b>	GPS2 (AAH13652, 228 a.a. ~ 327 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	QPYAVHGHFQPTQTGFLQPGGALSLQKQMEHANQQTGFS DSSSLRPMHPQALHPAPGLLASPQ LPVQMMPAGKSGFAATSQPGPRLPFIQHSQNPRFYHK
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (94); Rat (95)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — GPS2

Entrez GeneID [2874](#)

GeneBank Accession# [BC013652](#)

Protein Accession# [AAH13652](#)

Gene Name GPS2

Gene Alias AMF-1, MGC104294, MGC119287, MGC119288, MGC119289

Gene Description G protein pathway suppressor 2

Omim ID [601935](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein involved in G protein-mitogen-activated protein kinase (MAPK) signaling cascades. When overexpressed in mammalian cells, this gene could potently 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000128385|OTTHUMP00000163158