



# Anti-GPS2 (aa 228-327) polyclonal antibody (DPAB-DC1446)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	GPS2 (AAH13652, 228 a.a. ~ 327 a.a) partial recombinant protein with GST tag. The sequence is QPYAVHGFQPTQTGFLQPGGALSLQKQMEHANQQTGFSDSSSLRPMHPQALHPAPGLLA SPQLPVQMQPAGKSGFAATSQPGPRLPFIQHSQNPRFYHK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">GPS2 G protein pathway suppressor 2 [ Homo sapiens (human) ]</a>
Official Symbol	GPS2
Synonyms	GPS2; G protein pathway suppressor 2; AMF-1; GPS-2;
Entrez Gene ID	<a href="#">2874</a>
Protein Refseq	<a href="#">NP_004480</a>
UniProt ID	<a href="#">Q13227</a>
Chromosome Location	17p13
Pathway	HTLV-I infection;
Function	GTPase inhibitor activity; protein binding; transcription corepressor activity;