

GPS2 Rabbit pAb

CatalogNo: YT2041

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 40kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:40000

Not yet tested in other applications.

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human GPS2. AA range:11-60

Specificity GPS2 Polyclonal Antibody detects endogenous levels of GPS2 protein.

Target Information

Gene name GPS2

Protein Name G protein pathway suppressor 2

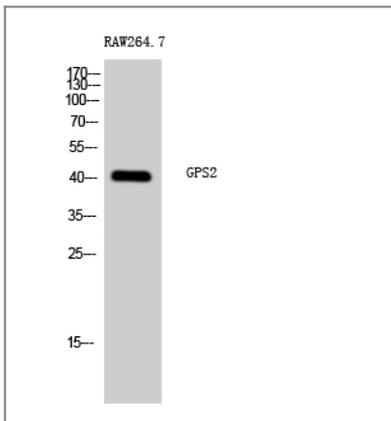
Organism	Gene ID	UniProt ID
Human	2874;	Q13227;

Cellular Localization Nucleus . Mitochondrion . Cytoplasm, cytosol . Sumoylation regulates the subcellular location (PubMed:24943844). Relocates from the mitochondria to the nucleus following desumoylation, leading to mediate mitochondrial stress response (By similarity). .

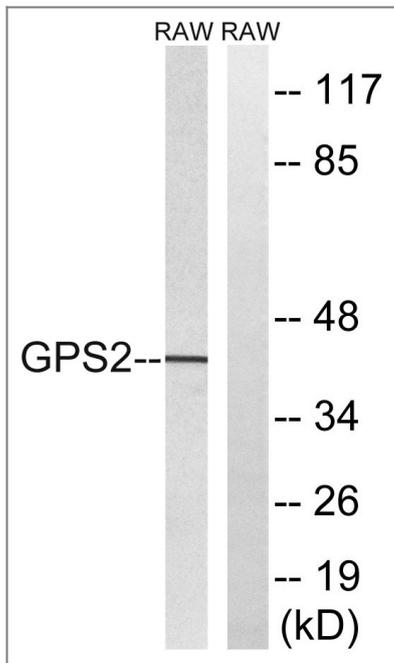
Tissue specificity Widely expressed.

Function Function:Suppresses G-protein- and mitogen-activated protein kinase-mediated signal transduction.,sequence Caution:Wrong choice of frame.,subunit:Component of the N-Cor repressor complex, at least composed of NCOR1, NCOR2, HDAC3, TBL1X, TBL1R, CORO2A and GPS2.,tissue specificity:Widely expressed.,

Validation Data



Western Blot analysis of RAW264.7 cells using GPS2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from RAW264.7 cells, using GPS2 Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

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Please scan the QR code to access additional product information:
GPS2 Rabbit pAb

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