

GGPS1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW: 35kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human GGPS1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GGPPS; GGPPS1;

Catalog #: A4300

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 9453

Isotype: IgG

Swiss Prot: O95749

Purity: Affinity purification

For research use only.

Background:

This gene is a member of the prenyltransferase family and encodes a protein with geranylgeranyl diphosphate (GGPP) synthase activity. The enzyme catalyzes the synthesis of GGPP from farnesyl diphosphate and isopentenyl diphosphate. GGPP is an important molecule responsible for the C20-prenylation of proteins and for the regulation of a nuclear hormone receptor. Alternate transcriptional splice variants, both protein-coding and non-protein-coding, have been found for this gene.

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