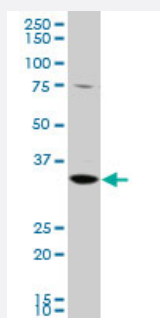


GGPS1 polyclonal antibody (A01)

Catalog # H00009453-A01

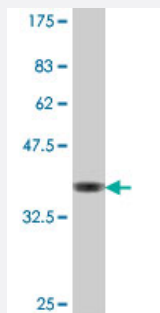
Size 50 uL

Applications



Western Blot (Cell lysate)

GGPS1 polyclonal antibody (A01), Lot # 051219JC01 Western Blot analysis of GGPS1 expression in K-562 (Cat # L009V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GGPS1.
Immunogen	GGPS1 (NP_004828, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag.
Sequence	NKSFCEDLTEGKFSFPTIHAWSRPESTQVQNILRQRTEINIDIKKYCVHYLEDVGSFEYTRNTLKELE AKAYKQIDARGGNPELVALVKHLSKMFKEENE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GGPS1 polyclonal antibody (A01), Lot # 051219JC01 Western Blot analysis of GGPS1 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GGPS1

Entrez GeneID

[9453](#)

GeneBank Accession#

[NM_004837](#)

Protein Accession#

[NP_004828](#)

Gene Name

GGPS1

Gene Alias

GGPPS, GGPPS1

Gene Description

geranylgeranyl diphosphate synthase 1

Omim ID

[606982](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 C 20-prenylation of proteins and for the regulation of a nuclear hormone receptor. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq

Other Designations

OTTHUMP00000036073

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)