

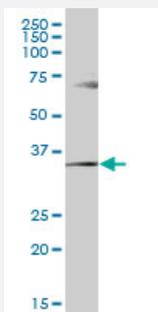
MaxPab®

GGPS1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009453-B01P

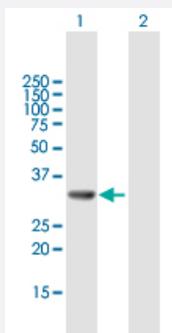
Size 50 ug

Applications



Western Blot (Tissue lysate)

GGPS1 MaxPab polyclonal antibody. Western Blot analysis of GGPS1 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of GGPS1 expression in transfected 293T cell line ([H00009453-T01](#)) by GGPS1 MaxPab polyclonal antibody.

Lane 1: GGPS1 transfected lysate(33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GGPS1 protein.

Immunogen

GGPS1 (NP_004828.1, 1 a.a. ~ 300 a.a) full-length human protein.

Sequence

MEKTQETVQRILLEPYKYLLQLPGKQVVRTKLSQAFNHWLKVPEDKLQIIIEVTEMLHNASLLIDDIED
 NSKLRRGFVVAHSYIGIPSVINSANYVYFLGLEKVLTLDPDAVKLFTRQELLEHQGGGLDIWRDN
 YTCPTEEEYKAMVLQKTGGLFGLAVGLMQLFSDYKEDLKPLLNTLGLFFQIRDDYANLHSKEYSEN
 KSFCEDLTEGKFSFPTIHAIWSRPESTQVQNILRQRTEENIDIKKYCVHYLEDVGSFEYTRNTLKELEA
 KAYKQIDARGGNPELVALVKHLSKMFKEENE

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of GGPS1 expression in transfected 293T cell line ([H00009453-T01](#)) by GGPS1 MaxPab polyclonal antibody.

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Gene Info — GGPS1

Entrez GeneID	9453
GeneBank Accession#	NM_004837.3
Protein Accession#	NP_004828.1
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](#)