



# GGPPS rabbit pAb

Cat No.:ES16190

For research use only

## Overview

<b>Product Name</b>	GGPPS rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human; Mouse;Rat
<b>Recommended dilutions</b>	WB 1: 500-2000
<b>Immunogen</b>	Synthesized peptide derived from human GGPPS AA range: 141-191
<b>Specificity</b>	This antibody detects endogenous levels of GGPPS at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	GGPPS
<b>Gene Name</b>	GGPS1
<b>Cellular localization</b>	Cytoplasm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	9453
<b>Human Swiss-Prot Number</b>	O95749
<b>Alternative Names</b>	
<b>Background</b>	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. [provided by RefSeq, Sep 2010],

Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night

