



# Anti-GMPR (aa 273-322) polyclonal antibody (DPABH-11361)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.
<b>Immunogen</b>	Synthetic peptide corresponding to a region within C terminal amino acids 273-322 (TAMNKHAGGV AEYRASEGKT VEVPYKGDVE NTILDILGGL RSTCTYVGAA) of Human GMPR1 (NP_859529).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituents: 97% PBS, 2% Sucrose
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">GMPR guanosine monophosphate reductase [ Homo sapiens ]</a>
Official Symbol	GMPR
Synonyms	GMPR; guanosine monophosphate reductase; GMPR1; GMP reductase 1; guanine monophosphate reductase; guanosine monophosphate reductase 1; guanosine 5-monophosphate oxidoreductase 1;
Entrez Gene ID	<a href="#">2766</a>
Protein Refseq	<a href="#">NP_006868.3</a>
UniProt ID	<a href="#">P36959</a>
Pathway	Metabolism; Purine metabolism; Purine metabolism;
Function	GMP reductase activity; metal ion binding;