

Product datasheet for **TA346626**

GMPR2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GMPR2 antibody: synthetic peptide directed towards the C terminal of human GMPR2. Synthetic peptide located within the following region: GAGADFVMLGGMLAGHSESGGELIERDGKKYKLFYGMSSSEMAMKKYAGGV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	guanosine monophosphate reductase 2
Database Link:	NP_001002000 Entrez Gene 51292 Human Q9P2T1
Background:	GMPR2 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. It plays a role in modulating cellular differentiation.
Synonyms:	GMPR 2



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Note: Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Pig: 93%; Rat: 93%; Bovine: 86%; Guinea pig: 86%; Zebrafish: 77%

Protein Families: Druggable Genome

Protein Pathways: Purine metabolism

Product images:



WB Suggested Anti-GMPR2 Antibody Titration: 5.0 ug/ml; Positive Control: Jurkat cell lysate