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anti-GMPR antibody (C-Term)

2 Images



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Quantity:	0.4 mL
Target:	GMPR
Binding Specificity:	AA 237-267, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GMPR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 237-267 amino acids from the C-terminal region of human GMPR
Isotype:	lg Fraction
Specificity:	This antibody recognizes Human GMP reductase 1 / GMPR1 (C-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Target Details	
Target:	GMPR
Alternative Name:	GMP Reductase 1 / GMPR1 (GMPR Products)

Target Details

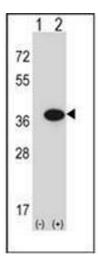
Background:	This gene encodes an enzyme that catalyzes the irreversible and NADPH-dependent reductive	
	deamination of GMP to IMP. The protein also functions in the re-utilization of free intracellular	
	bases and purine nucleosides. Synonyms: Guanosine 5'-monophosphate oxidoreductase 1,	
	Guanosine monophosphate reductase 1	
Molecular Weight:	37419 Da	
Gene ID:	2766	
NCBI Accession:	NP_006868	

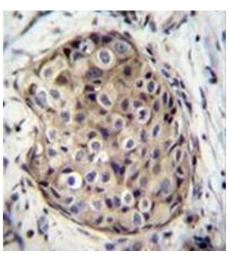
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





Western Blotting

Image 1. Western blot analysis of GMPR (arrow) using GMP reductase 1 / GMPR1 Antibody (C-term) Cat.-No AP51869PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GMPR gene.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma reacted with GMP reductase 1 / GMPR1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.