

KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody Catalog # AGI1080

Specification

KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	<u>P00492</u>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 25 kDa, observed, 25 kDa KDa
Gene Name	HPRT1
Aliases	HPRT1: Hypoxanthine
	Phosphoribosvltransferase 1: HGPRT:
	HPRT: Hypoxanthine Guanine
	Phosphoribosyl Transferase:
	Hypoxanthine-Guanine
	Phosphoribosyltransferase: EC 2.4.2.8:
	HGPRTase: Hypoxanthine-Guanine
	Phosphoribosyltransferase 1. Testicular
	Tissue Protein Li 89: Lesch-Nyhan
	Syndrome
	Syndiome
Immunogen	A synthesized peptide derived from human
	HPKI

KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 3251 Other Names Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, 2.4.2.8, HPRT1, HPRT

KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody - Protein Information

Name HPRT1

Synonyms HPRT

Function

Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5- phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.

Cellular Location Cytoplasm.



KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-pancreatic proteinase 1 antibody (Cat#AGI1080). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-pancreatic proteinase 1 antibody (Cat#AGI1080, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

kDa 250 - 150 - 100 - 75 -	wit software	кDa ул ак ^{сай} 250 — 150 — 199 —	
50 —	🕳 🖛 β-Tubulin	50 —	
37 -		37 -	
25 - 20 -		25 - ← Pancreatic proteinase 1 20 -	
15 - 10 -		15 — 10 —	

Western blotting analysis using anti-pancreatic proteinase 1 antibody (Cat#AGI1080). Pancreatic proteinase 1 expression in wild-type (WT) and pancreatic proteinase 1 (HPRT1) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-pancreatic proteinase 1 antibody (Cat#AGI1080, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.





Flow cytometric analysis of pancreatic proteinase 1 expression in HepG2 cells using pancreatic proteinase 1 antibody (Cat#AGI1080, 1:2,000). Green, isotype control; red, pancreatic proteinase 1.



Immunocytochemical staining of HepG2 cells with anti-pancreatic proteinase 1 antibody (Cat#AGI1080, 1:1,000). Nuclei were stained blue with DAPI; Pancreatic proteinase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.