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anti-HPRT1 antibody (Middle Region)

2 Images



Overview

Quantity:	100 μL
Target:	HPRT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPRT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HPRT1
Sequence:	STGDIKVIGG DDLSTLTGKN VLIVEDIIDT GKTMQTLLSL VRQYNPKMVK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against HPRT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HPRT1	

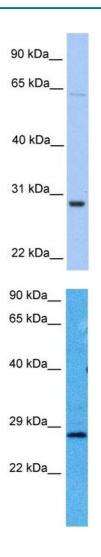
Target Details

Alternative Name:	HPRT1 (HPRT1 Products)	
Background:	HPRT1 has a central role in the generation of purine nucleotides through the purine salvage	
	pathway. HPRT1 catalyzes conversion of hypoxanthine to inosine monophosphate and guanine	
	to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-	
	phosphoribosyl 1-pyrophosphate.HPRT1 has a central role in the generation of purine	
	nucleotides through the purine salvage pathway. HPRT1 catalyzes conversion of hypoxanthine	
	to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-	
	phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate (Keebaugh et al., 2007 [PubMed	
	16928426]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the	
	publications that are available for this gene. Please see the Entrez Gene record to access	
	additional publications.	
	Alias Symbols: HGPRT, HPRT	
	Protein Interaction Partner: PRTFDC1, WDYHV1, ISCU, UBC, SDCBP, HPRT1, FUS, SUMO1,	
	NEDD8, NME1-NME2, PSAT1, PTGES3, SNCA, PPID, MTAP, EIF6, GOT1, ANXA6, FAT3, APRT,	
	CUL3, CUL5, EIF1B, MCC, HUS1, FANCA,	
	Protein Size: 218	
Molecular Weight:	24 kDa	
Gene ID:	3251	
NCBI Accession:	NM_000194, NP_000185	
UniProt:	P00492	
Pathways:	Ribonucleoside Biosynthetic Process	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 218 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	

Handling

	sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HPRT1 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate HPRT1 is supported by BioGPS gene expression data to be expressed in HeLa

Western Blotting

Image 2. Host: Mouse Target Name: HPRT1 Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml