

Rabbit HPRT1 Polyclonal Antibody | anti-HPRT1 antibody

Phospho-HPRT1 (Ser110) Antibody

CATALOG # AAA328263	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Dog, Chicken, Xenopus	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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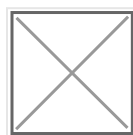
PRODUCT SYNONYMS

HPRT1; Polyclonal Antibody; Phospho-HPRT1 (Ser110) Antibody; HGPRT; HGPRTase; HPRT 1; HPRT_HUMAN; Hypoxanthine guanine phosphoribosyltransferase; Hypoxanthine phosphoribosyltransferase 1 (Lesch Nyhan syndrome); Hypoxanthine phosphoribosyltransferase 1; Hypoxanthine-guanine phosphoribosyltransferase; anti-HPRT1 antibody

PRODUCT SPECIFICATIONS

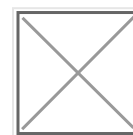
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-HPRT1(Ser110) Antibody detects endogenous levels of HPRT1 only when phosphorylated at Ser110.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-HPRT1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HPRT1 around the phosphorylation site of Ser110.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-HPRT1(Ser110) in lysates of HeLa, using Phospho-HPRT1(Ser110) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-HPRT1 antibody	Description: 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.
	Subunit Structure: Homotetramer.
	Similarity: Belongs to the purine/pyrimidine phosphoribosyltransferase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504483
NCBI GeneID	3251
NCBI Accession #	NP_000185.1
NCBI GenBank Nucleotide #	NP_000185.1
UniProt Accession #	P00492
Molecular Weight	Observed: 25 kDa Predicted: 25 kDa
NCBI Official Full Name	hypoxanthine-guanine phosphoribosyltransferase
NCBI Official Synonym Full Names	hypoxanthine phosphoribosyltransferase 1
NCBI Official Symbol	HPRT1
NCBI Official Synonym Symbols	HPRT; HGPRT
NCBI Protein Information	hypoxanthine-guanine phosphoribosyltransferase
UniProt Protein Name	Hypoxanthine-guanine phosphoribosyltransferase
UniProt Gene Name	HPRT1
UniProt Synonym Gene Names	HPRT; HGPRT; HGPRTase
UniProt Entry Name	HPRT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hprt1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328263>