

Rabbit anti-Human HPRT1 Polyclonal Antibody | anti-HPRT1 antibody

Rabbit anti-HPRT1 Antibody, Affinity Purified

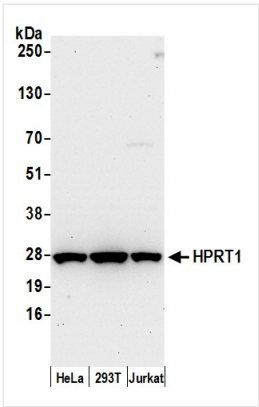
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213205	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

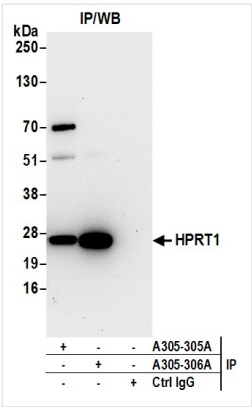
HPRT1; Polyclonal Antibody; Rabbit anti-HPRT1 Antibody; Affinity Purified; HPRT; testicular tissue protein Li 89; hypoxanthine-guanine phosphoribosyltransferase; HGPRTase; HGPRT; hypoxanthine-guanine phosphoribosyltransferase 1; Hypoxanthine-guanine phosphoribosyltransferase; hypoxanthine phosphoribosyltransferase 1; anti-HPRT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HPRT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chimpanzee
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human HPRT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HPRT1 antibody AAA213205 (lot AAA213205-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human HPRT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HPRT1 antibody AAA213205 (lot AAA213205-1) used for IP at 6 ug per reaction. HPRT1 was also immunoprecipitated by rabbit anti-HPRT1 antibody For blotting immunoprecipitated HPRT1, AAA213205 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HPRT1 antibody	HPRT1 is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via transfer of the 5-phosphoribosyl group from 5-phosphoribosyl 1-pyrophosphate. This enzyme plays a central role in the generation of purine nucleotides through the purine salvage pathway [taken from NCBI Entrez Gene (Gene ID: 3251)].
Product Categories/Family for anti-HPRT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504483
NCBI GeneID	3251
NCBI Accession #	NP_000185.1
NCBI GenBank Nucleotide #	NM_000194.2
UniProt Accession #	P00492; A6NHFO; B2R8M9
Molecular Weight	24,579 Da
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; HGPRTase
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-immunoprecipitation-western-blot-elisa/213205>