

Product datasheet for **TA332846**

HPRT (HPRT1) Rabbit Polyclonal Antibody

Product data:

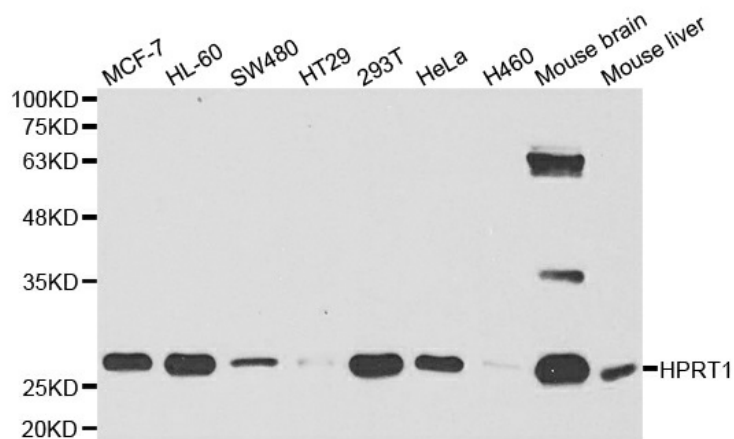
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human HPRT1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24 kDa
Gene Name:	hypoxanthine phosphoribosyltransferase 1
Database Link:	NP_000185 Entrez Gene 24465 Rat Entrez Gene 3251 Human P00492
Background:	The protein encoded by this gene 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. Mutations in this gene result in Lesch-Nyhan syndrome or gout.
Synonyms:	HGPRT; HPRT
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Purine metabolism

Product images:



Western blot analysis of extracts of various cell lines, using HPRT1 antibody.