

Datasheet for ABIN6989810 **anti-HPRT1 antibody**



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Overview

Quantity:	100 µL
Target:	HPRT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPRT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-218 of human HPRT1 (NP_000185.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	HPRT1
Alternative Name:	HPRT1 (HPRT1 Products)
Background:	Synonyms: HPRT1,HGPRT,HPRT Background: The protein encoded by this gene is a transferase, which catalyzes conversion of hypoxanthine to inosine monophosphate and guanine to guanosine monophosphate via

Target Details

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.

Gene ID:	3251
UniProt:	P00492
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB 1:300-5000 IF(ICC) 1:50-200 IF()
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months