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Datasheet for ABIN2854953

anti-HPRT1 antibody

4 Images

Overview

Quantity:	100 µL
Target:	HPRT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPRT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HPRT. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat, Zebrafish (Danio rerio)
Characteristics:	Rabbit Polyclonal antibody to HPRT (hypoxanthine phosphoribosyltransferase 1) HPRT antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	HPRT1
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Target Details

Alternative Name:	hypoxanthine phosphoribosyltransferase 1 (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 (Keebaugh et al., 2007 [PubMed 16928426]).[supplied by OMIM] Cellular Localization: Cytoplasm
Molecular Weight:	25 kDa
Gene ID:	3251
UniProt:	P00492
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

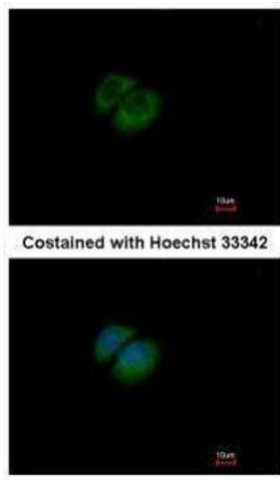
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: PC-12 , Rat2 , 293T , A431 , HeLa , HepG2 , rat brain Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

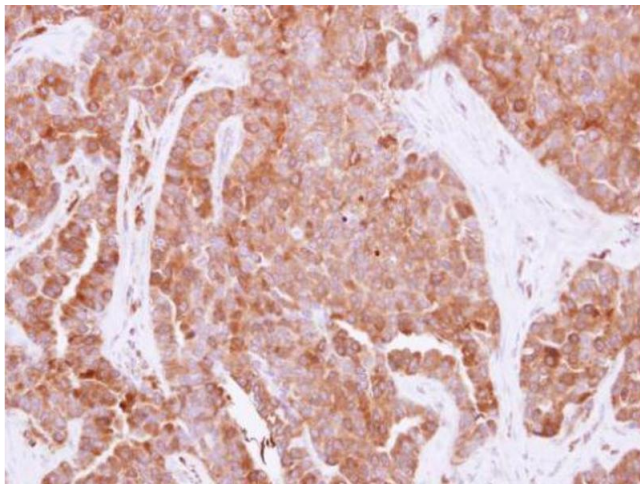
multiple freeze-thaw cycles.

Images



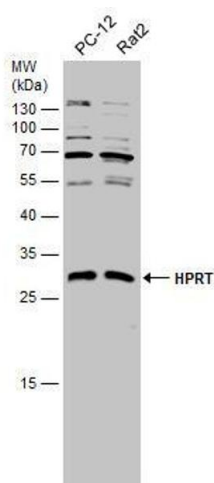
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed A549, using HPRT, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human adenocarcinoma, using HPRT, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with HPRT antibody, diluted at 1:1000.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2854953.