

For Research Use Only

HPRT Recombinant antibody, PBS Only

Catalog Number: 86049-1-PBS



Basic Information

Catalog Number:

86049-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7044

GenBank Accession Number:

BC000578

GeneID (NCBI):

3251

UNIPROT ID:

P00492

Full Name:

hypoxanthine
phosphoribosyltransferase 1

Calculated MW:

25 kDa

Observed MW:

24-28 kDa

Purification Method:

Protein A purification

CloneNo.:

250656C2

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

HPRT, also named HPRT1 and HGPRT, plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutation of HPRT is associated with Lesch-Nyhan syndrome (LNS) which is an X-linked inherited neurogenetic disorder of purine metabolism. It has been reported that HPRT1 also plays an important role in HPRT-related gout. Sp2/O was reported in the literature as an HPRT1-deficient cell line. (PMID:20544509, 28045594, 27379977)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

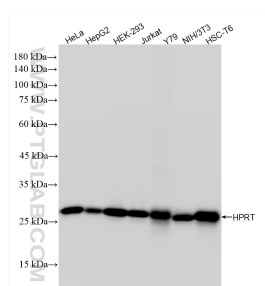
T: 4006900926

E: Proteintech-CN@ptglab.com

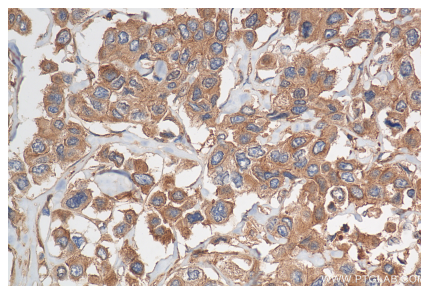
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86049-1-RR (HPRT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86049-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 86049-1-RR (HPRT antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86049-1-PBS in a different storage buffer formulation.