

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HPRT1



Numéro de catalogue: 15059-1-AP

Phare

26 Publications

Informations de base

Numéro de catalogue: 15059-1-AP	Numéro d'acquisition GenBank: BC000578	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 450 µg/ml by Nanodrop;	Identification du gène (NCBI): 3251	Dilutions recommandées: WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:2000-1:12000 for WB
Hôte: Lapin	Nom complet: hypoxanthine phosphoribosyltransferase 1	IHC 1:20-1:200 IF 1:200-1:800
Isotype: IgG	MW calculé 25 kDa	
Immunogen Catalog Number: AG7044	MW observés: 24-28 kDa	

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HepG2, cellules Jurkat, cellules MCF-7, cellules NIH/3T3, cellules Y79, tissu cérébral de rat, tissu cérébral de souris, tissu hépatique de souris

IP : tissu cérébral de souris,

IHC : tissu cérébral humain, tissu de cancer du foie humain, tissu pancréatique humain

IF : cellules HeLa,

Informations générales

HPRT1, also named HGPRT, plays a central role in the generation of purine nucleotides through the purine salvage pathway. Mutation of HPRT1 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
R Blair Dodson	27881387	Am J Physiol Heart Circ Physiol	WB
Erin K Zinkhan	30453824	Reprod Sci	WB
Erin K Zinkhan	29896121	Front Physiol	WB

Stockage

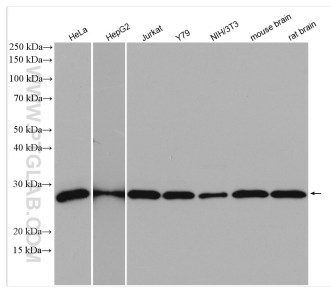
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

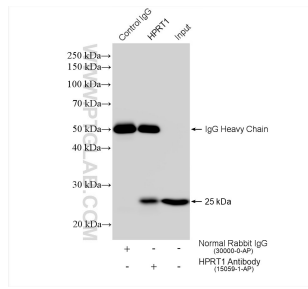
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

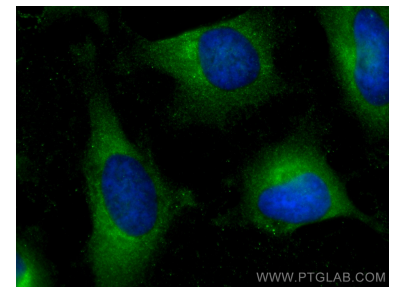
Données de validation sélectionnées



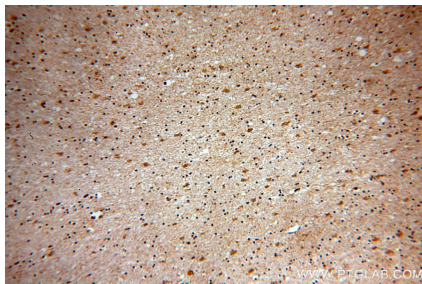
Various lysates were subjected to SDS PAGE followed by western blot with 15059-1-AP (HPRT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



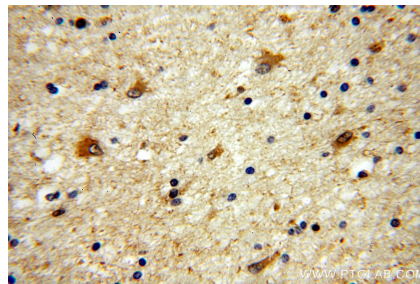
IP result of anti-HPRT1(IP:15059-1-AP, 4ug; Detection:15059-1-AP 1:6000) with mouse brain tissue lysate 1280 ug.



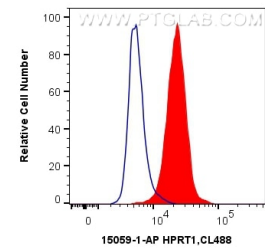
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using HPRT1 antibody (15059-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human brain using 15059-1-AP (HPRT1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 15059-1-AP (HPRT1 antibody) at dilution of 1:100 (under 40x lens).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human HPRT1 (15059-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).