

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PHD2/EGLN1



Numéro de catalogue: 19886-1-AP

Phare

10 Publications

## Informations de base

Numéro de catalogue:

19886-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG13706

Numéro d'acquisition GenBank:

BC005369

Identification du gène (NCBI):

54583

Nom complet:

egl nine homolog 1 (C. elegans)

MW calculé

426 aa, 46 kDa

MW observés:

46 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 ug for IP and 1:2000-1:10000 for WB

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IHC, 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; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules HCT 116, cellules HEK-293, cellules HEK-293T, cellules HepG2, tissu cardiaque de rat, tissu rénal de souris

IP : cellules HEK-293,

IHC : tissu de cancer du foie humain,

## Informations générales

EGLN1 (Egl nine homolog 1) is also named as HIF-PH2, HPH-2, PHD2. It is the most important isozyme under normoxia and, through regulating the stability of HIF 1, involved in various hypoxia-influenced processes such as angiogenesis in retinal and cardiac functionality. EGLN1 plays a critical role in regulating HIF levels in EPO-producing cells in humans (PMID:16407130). Defects in EGLN1 are the cause of familial erythrocytosis type 3 (ECYT3). This antibody is specific to EGLN1.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Chenzhong Wang	36162153	Tissue Cell	IHC
Haixu Xu	35589690	Cell Death Dis	WB
Deng Guan	33713969	J Inorg Biochem	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

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

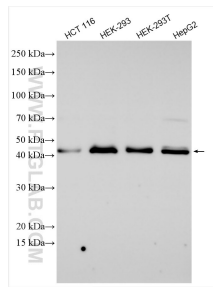
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

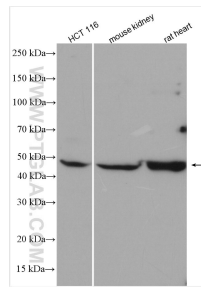
E: proteintech@ptglab.com  
W: ptglab.com

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

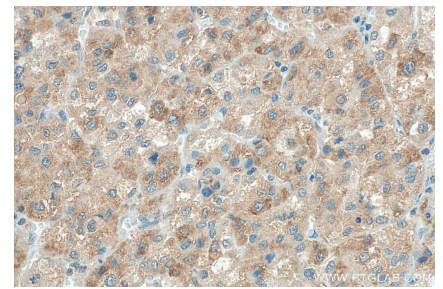
## Données de validation sélectionnées



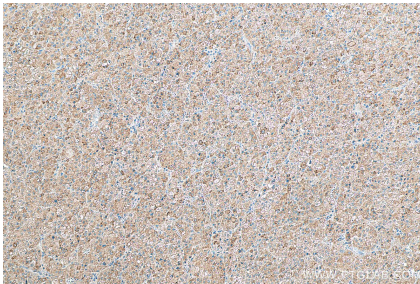
Various lysates were subjected to SDS PAGE followed by western blot with 19886-1-AP (PHD2/EGLN1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



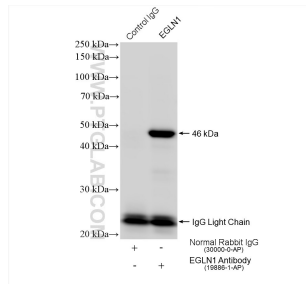
Various lysates were subjected to SDS PAGE followed by western blot with 19886-1-AP (PHD2/EGLN1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 19886-1-AP (PHD2/EGLN1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 19886-1-AP (PHD2/EGLN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PHD2/EGLN1(IP:19886-1-AP, 4ug; Detection:19886-1-AP 1:5000) with HEK-293 cells lysate 1280 ug.