

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HO-1/HMOX1



Numéro de catalogue: 27282-1-AP

117 Publications

## Informations de base

Numéro de catalogue:

27282-1-AP

Numéro d'acquisition GenBank:

BC001491

Méthode de purification:

Purification par affinité contre l'antigène

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

3162

Dilutions recommandées:

WB 1:500-1:3000

IHC 1:200-1:1000

Hôte:

Lapin

Nom complet:

heme oxygenase (decycling) 1

Isotype:

IgG

MW calculé

33 kDa

MW observés:

33 kDa

Immunogen Catalog Number:

AG26172

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, porc, poulet, rat, souris, Hamster

**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 HeLa, cellules A549, tissu splénique de souris

IHC : tissu rénal humain,

## Informations générales

Heme oxygenase (HMOX1) catalyzes the first and rate-limiting step in the degradation of heme to yield equimolar quantities of biliverdin Ixa, carbon monoxide (CO), and iron. It has 3 isoforms: HO-1 is highly inducible, whereas HO-2 and HO-3 are constitutively expressed (PMID:10194478). Heme oxygenase-1 (HO-1) is expressed in many tissues and vascular smooth muscle cells, and endothelial cells (PMID:15451051) and has been identified as an important endogenous protective factor induced in many cell types by various stimulants, such as hemolysis, inflammatory cytokines, oxidative stress, heat shock, heavy metals, and endotoxin (PMID: 11522663). And the full-length HO-1 is very unstable and susceptible to truncation that generates an inactive, soluble form (28 kDa) (James R. Reed, Pharmacology, 535-568).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Dan Tang	34815154	Phytomedicine	WB
Lu Wang	34555641	Int Immunopharmacol	WB
Jian Chen	36187836	Front Vet Sci	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:

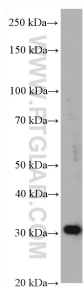
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E: proteintech@ptglab.com

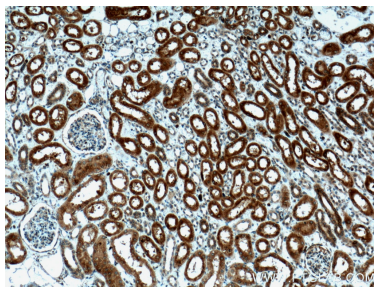
W: ptglab.com

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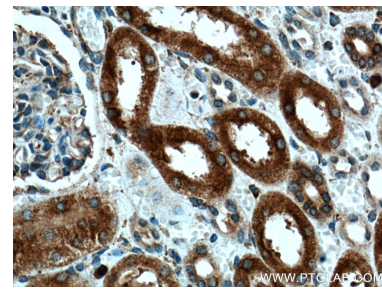
## Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 27282-1-AP (HO-1/HMOX1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27282-1-AP (HO-1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 27282-1-AP (HO-1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).