

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PRDX3



Numéro de catalogue: 55087-1-AP

4 Publications

## Informations de base

Numéro de catalogue:

55087-1-AP

Taille:

150ul , Concentration: 260 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM\_006793

Identification du gène (NCBI):

10935

Nom complet:

peroxiredoxin 3

MW calculé

28 kDa

MW observés:

26-28 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IHC 1:50-1:500

## Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2, cellules Jurkat, cellules MCF-7, cellules THP-1, tissu cérébral de souris, tissu hépatique de rat, tissu hépatique de souris

IHC : tissu de cancer du foie humain, tissu de cancer du sein humain

**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.**

## Informations générales

PRDX3 (Peroxiredoxin 3), also named as AOP1, HBC189 and MER5, belongs to the ahpC/TSA family. It is involved in redox regulation of the cell and protects radical-sensitive enzymes from oxidative damage by a radical-generating system. PRDX3 is required for MYC-mediated proliferation, transformation, and apoptosis after glucose withdrawal and essential for maintaining mitochondrial mass and membrane potential in transformed rat and human cells (PMID:12011429). PRDX3 acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol. This antibody is specific to PRDX3.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Bo Wei	29782637	Br J Pharmacol	WB
Ying Li	33582931	Cardiovasc Toxicol	WB
Sulpizio Marilisa M	21826706	J Cell Biochem	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.

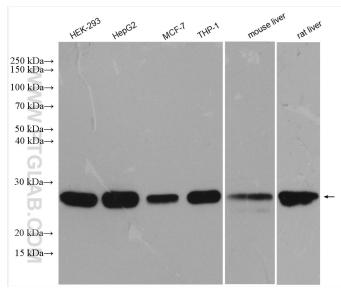
For technical support and original validation data for this product please contact:

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

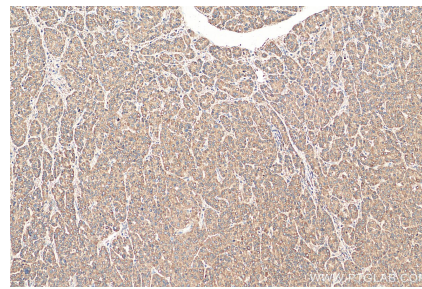
E: proteintech@ptglab.com  
W: ptglab.com

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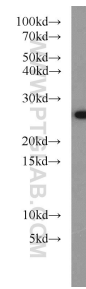
## Données de validation sélectionnées



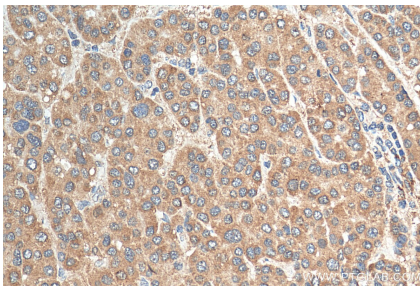
Various lysates were subjected to SDS PAGE followed by western blot with 55087-1-AP (PRDX3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



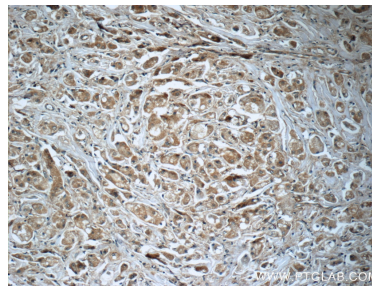
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55087-1-AP (PRDX3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



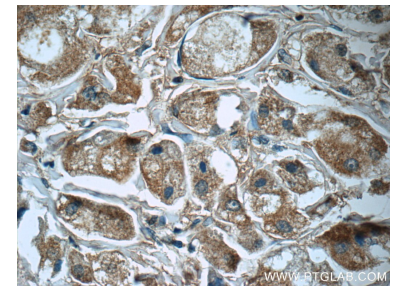
MCF7 cells were subjected to SDS PAGE followed by western blot with 55087-1-AP (Peroxi redoxin 3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55087-1-AP (PRDX3 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 breast cancer tissue slide using 55087-1-AP (Peroxi redoxin 3 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 55087-1-AP (Peroxi redoxin 3 antibody at dilution of 1:50 (under 40x lens).