

Allgemeine Informationen

Katalog-Nr.: 55087-1-AP	GenBank-Zugangsnummer: NML_006793	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 260 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10935	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: peroxiredoxin 3	
Isotyp: IgG	Berechnete Masse: 28 kDa	
	Beobachtete Masse: 26-28 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, Maushirngewebe, Mauslebergewebe, MCF-7-Zellen, Rattenlebergewebe, THP-1-Zellen

IHC : humanes Leberkarzinomgewebe, humanes Mammakarzinomgewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

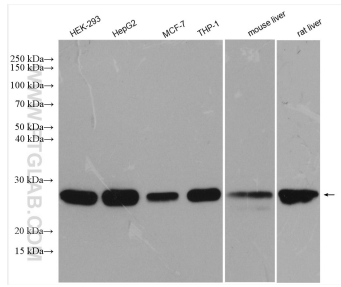
For technical support and original validation data for this product please contact:

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

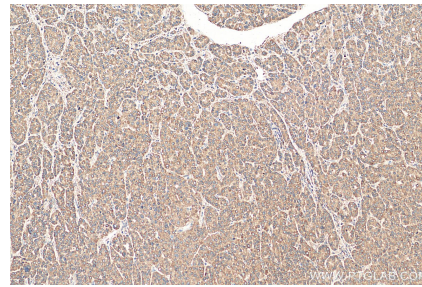
E: proteintech@ptglab.com
W: ptglab.com

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

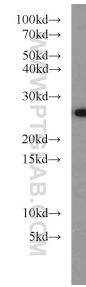
Ausgewählte Validierungsdaten



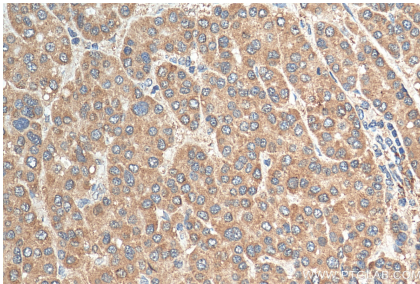
Various lysates were subjected to SDS PAGE followed by western blot with 55087-1-AP (PRDX3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



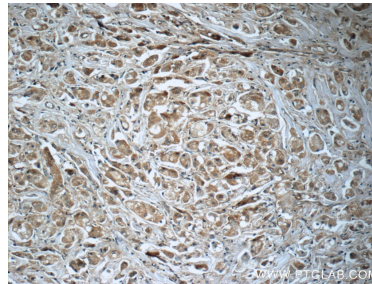
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55087-1-AP (PRDX3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



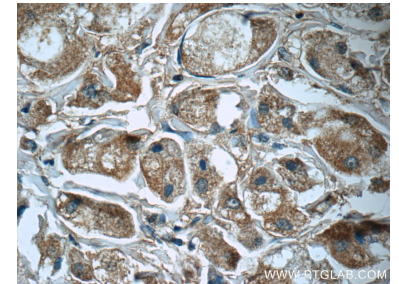
MCF7 cells were subjected to SDS PAGE followed by western blot with 55087-1-AP (Peroxioredoxin 3 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



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 (Peroxioredoxin 3 antibody at dilution of 1:50 (under 10x lens).



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