

Nur für Forschungszwecke

H6PD Polyklonaler Antikörper

Katalog-Nr.:15255-1-AP

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.:

15255-1-AP

Größe:

150ul, Konzentration: 550 µg/ml von Nanodrop und 353 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG7109

GenBank-Zugangsnummer:

BC081559

GeneID (NCBI):

9563

Vollständiger Name:

hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)

Berechnete Masse:

89 kDa

Beobachtete Masse:

89-95 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB
IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Ratte

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

Positivkontrollen:

WB: HepG2-Zellen, HeLa-Zellen, Mauslebergewebe

IP: HepG2-Zellen,

IHC: humanes Leberzirrhosegewebe, humanes Leberkarzinomgewebe

Hintergrundinformationen

Hexose-6-phosphate dehydrogenase (H6PD) is also named as GDH,6PGL. It is the main NADPH generating enzyme in the lumen of the endoplasmic reticulum. H6PD is regarded as an ancillary enzyme in prereceptorial glucocorticoid activation and probably acts as a nutrient sensor and as a prosurvival factor(PMID:21620971). H6PD has been shown to be a glycoprotein and tissue differences in glycosylation status might explain both the difference in migration on SDS-PAGE gels as well as in activity. Defects in H6PD are a cause of cortisone reductase deficiency (CRD). This antibody is specific to H6PD.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xixi Guo	31480692	Biomolecules	WB
Alzbeta Hulikova	35357563	Basic Res Cardiol	IF

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

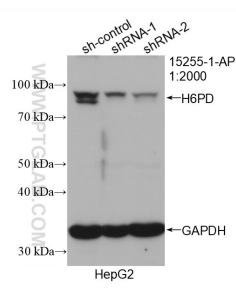
For technical support and original validation data for this product please contact:

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

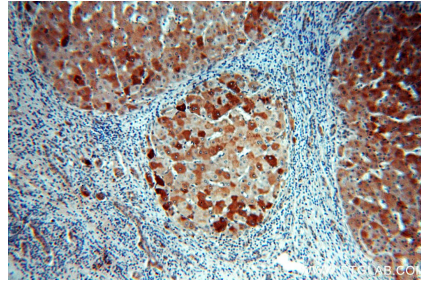
E: proteintech@ptglab.com
W: ptglab.com

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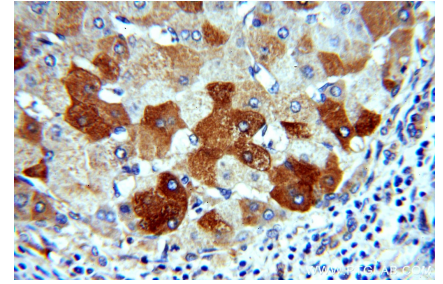
Ausgewählte Validierungsdaten



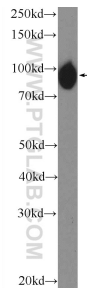
WB result of H6PD antibody (15255-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-H6PD transfected HepG2 cells.



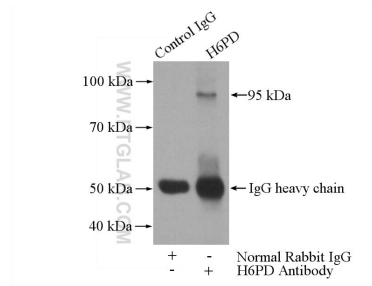
Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 15255-1-AP (H6PD antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 15255-1-AP (H6PD antibody) at dilution of 1:100 (under 40x lens).



HepG2 cells were subjected to SDS PAGE followed by western blot with 15255-1-AP (H6PD Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-H6PD (IP:15255-1-AP, 4ug; Detection:15255-1-AP 1:1000) with HepG2 cells lysate 1600ug.