

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29593-1-AP	<b>GenBank-Zugangsnummer:</b> BC001625	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 400 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 10954	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:16000 IHC 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> protein disulfide isomerase family A, member 5	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 60 kDa	
<b>Immunogen Katalognummer:</b> AG31479	<b>Beobachtete Masse:</b> 60 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, WB

### Getestete Reaktivität:

Human, Maus, Ratte

### Zitierte Arten:

Human

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

### Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, L02-Zellen, Mauslebergewebe, Rattenlebergewebe

IHC : humanes Plazenta-Gewebe,

## Hintergrundinformationen

PDIR (Protein disulfide isomerase-related protein), also known as PDIA5 (Protein Disulfide Isomerase Family A Member 5), is a member of the PDI gene family and also exhibits chaperone-like activity. PDIR protein is correlated with immune infiltration, which is highly expressed in glioma and participates in glioma progression (PMID: 33664747). PDIR contributes to disulfide bond rearrangement in ATF6α under stress conditions that necessary for ATF6α activation upon ER stress (PMID: 24636989).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yu Chen	36003400	Front Immunol	WB, 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

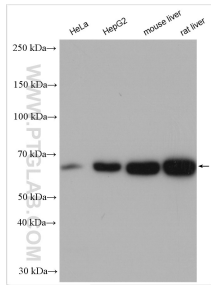
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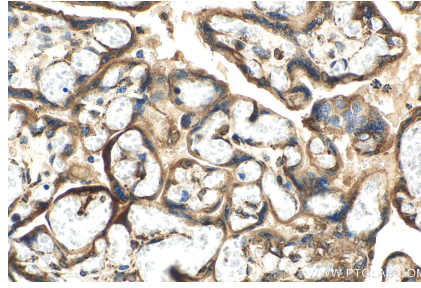
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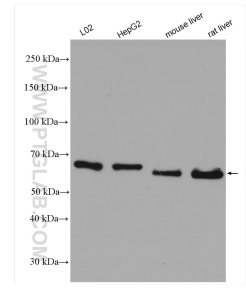
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29593-1-AP (PDIR antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 29593-1-AP (PDIR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 29593-1-AP (PDIR antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.