

Nur für Forschungszwecke

SLC40A1/FPN1 Polyklonaler Antikörper



Katalog-Nr.: 26601-1-AP

37 Publikationen

Allgemeine Informationen

Katalog-Nr.: 26601-1-AP	GenBank-Zugangsnummer: BC037733	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 30061	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: solute carrier family 40 (iron-regulated transporter), member 1	
Isotyp: IgG	Berechnete Masse: 62 kDa	
Immunogen Katalognummer: AG24273	Beobachtete Masse: 62-70 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte

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

Positivkontrollen:

WB: Caco-2-Zellen, HEK-293T-Zellen, HepG2-Zellen, Mauslebergewebe, Mausmilzgewebe, SW480-Zellen

IHC: humanes Lebergewebe, Mausmilzgewebe

Hintergrundinformationen

SLC40A1, also named as Ferroportin 1 (FPN1), is an iron transporter which is involved in iron export from duodenal epithelial cell and also in transfer of iron between maternal and fetal circulation. It has been reported that SLC40A1 mutations may lead to macrophage iron overload, hyperferritinemia, and normal transferrin saturation among ferroportin iron overload patients. This antibody detects 62-70 kDa protein as well as the fragments of 56 kDa and 35 kDa protein similar to papers in SDS-PAGE. (PMID: 21396368,16054062, 18974313)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ping Han	36309297	Free Radic Biol Med	WB
Ling Zeng	34610361	Free Radic Biol Med	WB
Dian Jiao	36437694	Anat Rec (Hoboken)	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

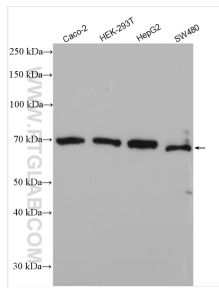
For technical support and original validation data for this product please contact:

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

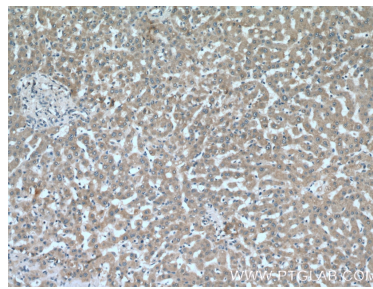
E: proteintech@ptglab.com
W: ptglab.com

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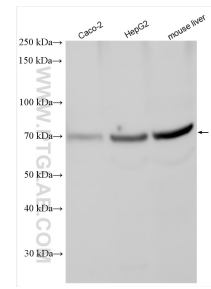
Ausgewählte Validierungsdaten



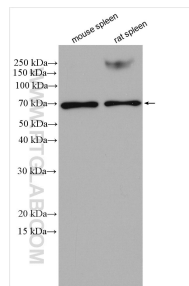
Various lysates were subjected to SDS PAGE followed by western blot with 26601-1-AP (SLC40A1/FPN1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26601-1-AP (SLC40A1 Antibody) at dilution of 1:200 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 26601-1-AP (SLC40A1/FPN1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 26601-1-AP (SLC40A1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.