

Allgemeine Informationen

Katalog-Nr.: 24893-1-AP	GenBank-Zugangsnummer: BC136419	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 227 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1244	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: ATP-binding cassette, sub-family C (CFTR/MRP), member 2	
Isotyp: IgG	Berechnete Masse: 1545 aa, 174 kDa	
Immunogen Katalognummer: AG18694	Beobachtete Masse: 190-250 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HepG2-Zellen, IHC : humanes Dünndarmgewebe,
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Affe, Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Multi-drug resistance protein 2 (MRP2), also known as ABC2, is an ATP binding cassette (ABC) transporter responsible for biliary excretion of xenobiotics, endobiotics, and their metabolites. Deficiency in ABC2 results in the clinical disorder Dubin-Johnson syndrome. MRP2 is found to be expressed in a variety of human cancers, and is associated with resistance of tumor cells to various anticancer drugs including cisplatin. The predicted molecular weight of MRP2 is 174 kDa, while mature MRP2 usually has a slower migration around 190-250 kDa due to the glycosylation. (16434545, 18834541, 23045960)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhenyu Wang	31588244	Theranostics	IHC
Masahiko Itoh	33184034	Biochim Biophys Acta Mol Basis Dis	WB
Yanan Chen	31628911	Biochem Pharmacol	WB

Lagerung

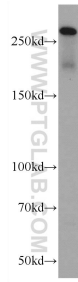
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

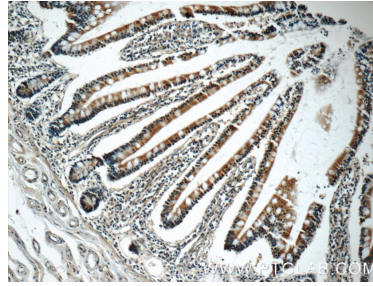
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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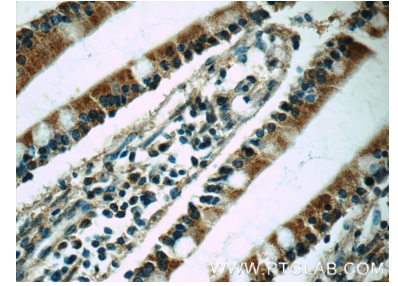
Ausgewählte Validierungsdaten



HepG2 cells were subjected to SDS PAGE followed by western blot with 24893-1-AP (MRP2 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 24893-1-AP (MRP2 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 24893-1-AP (MRP2 antibody at dilution of 1:50 (under 40x lens).