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Polyclonal Antibody to Permeability Glycoprotein (Pgp)

Permeability Glycoprotein
Catalog # AP74777

Product Information

Application	WB
Primary Accession	P06795
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	140994

Additional Information

Gene ID	18669
Other Names	CD243; ABCB1; ABC20; CLCS; GP170; MDR1; PGY1; P-Glycoprotein; Multidrug resistance protein 1; ATP-Binding Cassette, Sub-Family B(MDR/TAP), Member 1; Colchicin Sensitivity
Target/Specificity	Mus musculus (Mouse)
Dilution	WB~~Western blotting: 0.5-2 □g/mL Immunohistochemistry: 5-20 □g/mL Immunocytochemistry: 5-20 □g/mL Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Abcb1b {ECO:0000312|MGI:MGI:97568}
Function	Translocates phospholipids and drugs across the membrane. Catalyzes the flop of phospholipids from the cytoplasmic to the exoplasmic leaflet of the apical membrane. Participates mainly to the flop of phosphatidylcholine, phosphatidylethanolamine, beta-D- glucosylceramides and sphingomyelins. Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells. May contribute to hepatobiliary and renal excretion of etiocholanolone-3-glucuronate. Appears to have very low activity toward testosterone, androsterone and dihydrotestosterone glucuronates.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P08183}; Multi-pass membrane protein {ECO:0000255|PROSITE-ProRule:PRU00441} Apical cell membrane {ECO:0000250|UniProtKB:P08183}. Cytoplasm

{ECO:0000250|UniProtKB:P08183}. Note=ABCB1 localization is influenced by C1orf115 expression levels (plasma membrane versus cytoplasm) {ECO:0000250|UniProtKB:P08183}

Images

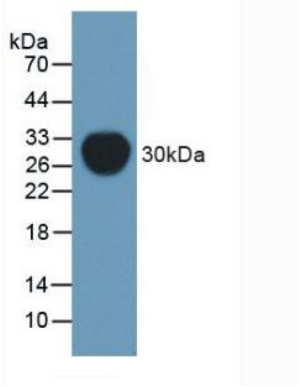


Figure. Western Blot; Sample: Recombinant Pgp, Mouse.

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