

ABCB11 Rabbit Polyclonal Antibody

Catalog No: #55524

Package Size: #55524-1 50ul #55524-2 100ul

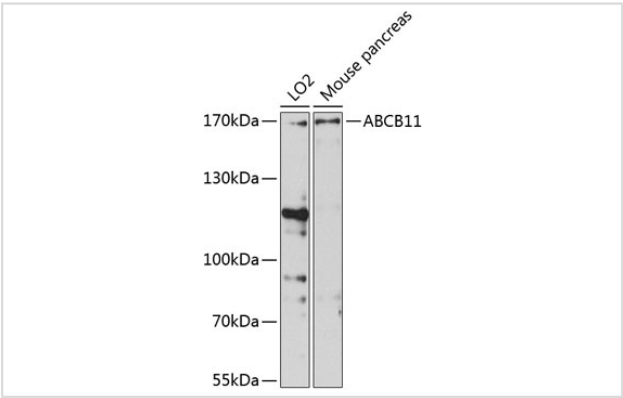
Description

Product Name	ABCB11 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human ABCB11 (NP_003733.2).
Conjugates	Unconjugated
Other Names	ABCB11;ABC16;BRIC2;BSEP;PFIC-2;PFIC2;PGY4;SPGP
Accession No.	Swiss Prot:O95342GeneID:8647
Calculated MW	146kDa
SDS-PAGE MW	170kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

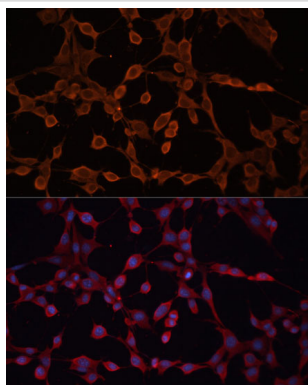
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using ABCB11 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



Immunofluorescence analysis of NIH-3T3 cells using ABCB11 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Background

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is the major canalicular bile salt export pump in man. Mutations in this gene cause a form of progressive familial intrahepatic cholestases which are a group of inherited disorders with severe cholestatic liver disease from early infancy.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.