

ABCB10 Rabbit pAb

Catalog No.: A13787

Basic Information

Observed MW

80kDa

Calculated MW

79kDa

Category

Primary antibody

Applications

WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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 function of this mitochondrial protein is unknown.

Recommended Dilutions

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

Immunogen Information

Gene ID	Swiss Prot
23456	Q9NRK6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 230-300 of human ABCB10 (NP_036221.2).

Synonyms

ABCB10;EST20237;M-ABC2;MTABC2

Contact

 | www.abclonal.com

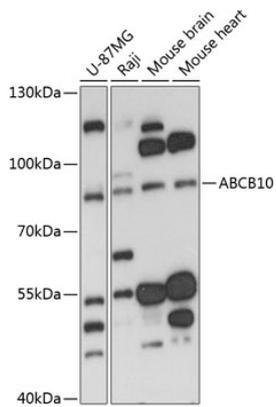
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using ABCB10 antibody (A13787) at 1:3000 dilution.

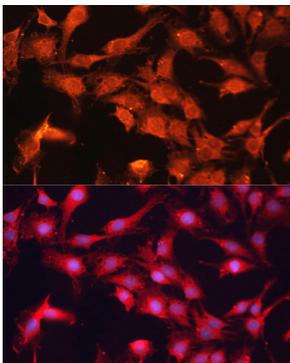
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

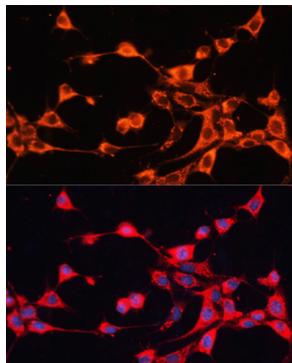
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunofluorescence analysis of C6 cells using ABCB10 antibody (A13787) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ABCB10 antibody (A13787) at dilution of 1:100. Blue: DAPI for nuclear staining.