

ABCB7 Antibody

Catalog No: #34460

Package Size: #34460-1 50ul #34460-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

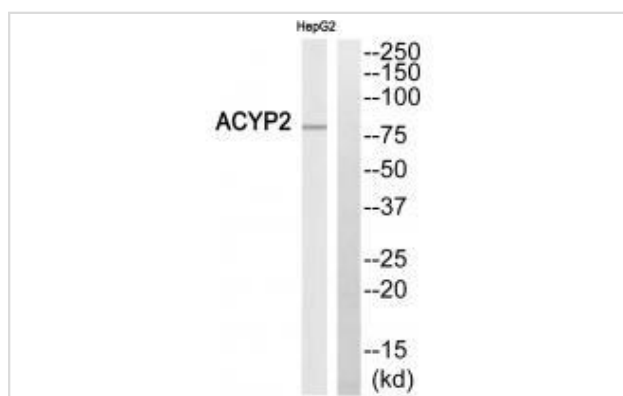
Product Name	ABCB7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ABCB7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ABCB7.
Target Name	ABCB7
Other Names	ABC transporter 7 protein; ABC7; Anemia; sideroblastic; with spinocerebellar ataxia
Accession No.	Swiss-Prot: O75027NCBI Gene ID: 22
Uniprot	O75027
GeneID	22;
SDS-PAGE MW	83kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

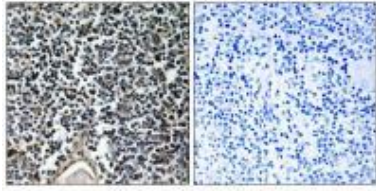
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2 cells, using ABCB7 antibody #34460.

Immunohistochemistry analysis of paraffin-embedded human thymus gland tissue using ABCB7 antibody #34460.



Background

Could be involved in the transport of heme from the mitochondria to the cytosol. Plays a central role in the maturation of cytosolic iron-sulfur (Fe/S) cluster-containing proteins.

Bekri S., Blood 96:3256-3264(2000).

Ross M.T., Nature 434:325-337(2005).

Maguire A., Br. J. Haematol. 115:910-917(2001).

Note: This product is for in vitro research use only