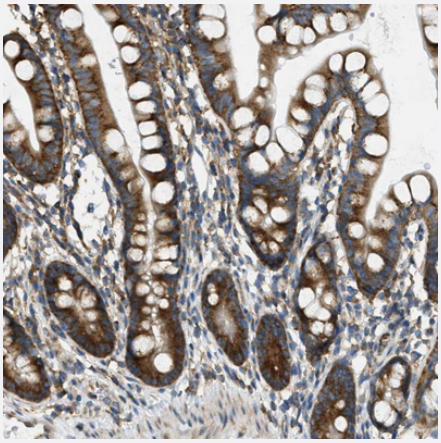
ABCF1 polyclonal antibody

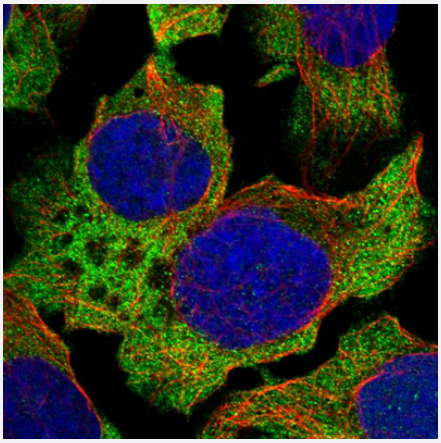
Catalog # PAB31488 Size 100 uL

Applications



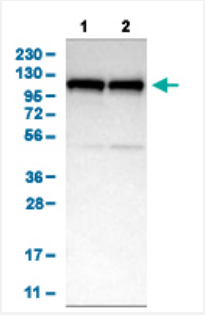
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human small intestine shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



Western Blot (Cell lysate)

Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.

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Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ABCF1.
Immunogen	Recombinant protein corresponding to amino acids 85-196 of human ABCF1.
Sequence	KKDVDDDGEEKELMERLKKLSVPTSDEEDEVPAPKPRGGKKTKGGNVFAALIQDQSEEEEEEE KHPPKPAKPEKNRINKAVSEEQQPALKGKKGKEEKSKGKAKPQNKFAAL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human small intestine shows strong cytoplasmic positivity in glandular cells.

- Immunofluorescence

  Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.

- Western Blot (Cell lysate)

  Western Blot analysis of (1) human cell line RT-4, and (2) human cell line U-251MG sp.

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Gene Info — ABCF1

Entrez GeneID	23
Protein Accession#	Q8NE71
Gene Name	ABCF1
Gene Alias	ABC27, ABC50
Gene Description	ATP-binding cassette, sub-family F (GCN20), member 1
Omim ID	603429
Gene Ontology	Hyperlink
Gene Summary	The 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 membrane s. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the GCN20 subfamily. Unlike other members of the s uperfamily, this protein lacks the transmembrane domains which are characteristic of most ABC tr ansporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhan cement of protein synthesis and the inflammation process. [provided by RefSeq
Other Designations	ATP-binding cassette 50 (TNF-alpha stimulated)|ATP-binding cassette, sub-family F, member 1| OTTHUMP00000029110|OTTHUMP00000029111|TNFalpha-inducible ATP-binding protein

Disease

- Genetic Predisposition to Disease
- Lupus Erythematosus
- Spondylitis

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