Rabbit anti-Human, Rat ABCF1 Monoclonal Antibody | anti-ABCF1 antibody

ABCF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30172	**Rabbit**	**Human, Rat**	**Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry**

PRODUCT SYNONYMS

ABCF1; Monoclonal Antibody; ABCF1 Antibody; ABC27 antibody; ABC50 antibody; ABCF1 antibody; ABCF1_HUMAN antibody; ATP binding cassette 50 (TNF alpha stimulated) antibody; ATP binding cassette 50 antibody; ATP binding cassette sub family F member 1 antibody; ATP binding cassette; sub family F (GCN20); member 1 antibody; ATP-binding cassette 50 antibody; ATP-binding cassette sub-family F member 1 antibody; AU041969 antibody; D17Wsu166e antibody; EST123147 antibody; GCN20 antibody; TNF alpha stimulated ABC protein antibody; TNF-alpha-stimulated ABC protein antibody; TNFalpha inducible ATP binding protein antibody; wu:fb79c06 antibody; wu:fc39a05 antibody; wu:fj94a08 antibody; zgc:85667 antibody; anti-ABCF1 antibody

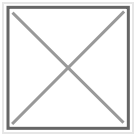
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	SN07-12
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ABCF1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:100-1:500
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

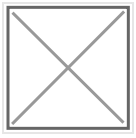
IMAGES

ICC (Immunocytochemistry)
ICC staining ABCF1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

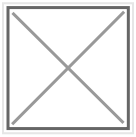
ICC (Immunocytochemistry)
ICC staining ABCF1 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



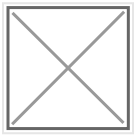
ICC (Immunocytochemistry)
ICC staining ABCF1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-ABCF1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-ABCF1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-ABCF1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCF1 antibody	ABCF1 (ATP-binding cassette sub-family F member 1, TNF-alpha-stimulated ABC protein) is a 845 amino acid protein encoded by the human gene ABCF1. ABCF1 belongs to the ABC transporter family (EF3 subfamily) and contains two ABC transporter domains. 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). Unlike other members of the superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. ABCF1 is believed to have a role in mRNA translation due to its interaction with eukaryotic initiation factor 2 (eIF2). It is also associated with ribosomes. ABCF1 is ubiquitously expressed and can be induced with TNF. Upon DNA damage, ABCF1 is phosphorylated by either ATM or ATR.
Product Categories/Family for anti-ABCF1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	69354671
NCBI GeneID	23
NCBI Accession #	NP_001020262.1
NCBI GenBank Nucleotide #	NM_001025091.1
UniProt Accession #	Q8NE71; O14897; Q69YP6; A2BF75
Molecular Weight	95,926 Da
NCBI Official Full Name	ATP-binding cassette sub-family F member 1 isoform a
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family F (GCN20), member 1
NCBI Official Symbol	ABCF1
NCBI Official Synonym Symbols	ABC27; ABC50
NCBI Protein Information	ATP-binding cassette sub-family F member 1; TNF-alpha-stimulated ABC protein; TNFalpha-inducible ATP-binding protein; ATP-binding cassette 50 (TNF-alpha stimulated)
UniProt Protein Name	ATP-binding cassette sub-family F member 1
UniProt Gene Name	**ABCF1**
UniProt Synonym Gene Names	ABC50
UniProt Entry Name	ABCF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/abcf1-antibody-clone-sn07-12-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30172