



Rabbit Anti-ABCF1 monoclonal antibody, clone TO18-23 (CABT-L753)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ABCF1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	TO18-23
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	96 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	HeLa, HepG2, PC-3M, rat stomach tissue, human colon cancer tissue, human liver cancer tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

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

GENE INFORMATION

Entrez Gene ID	10551
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