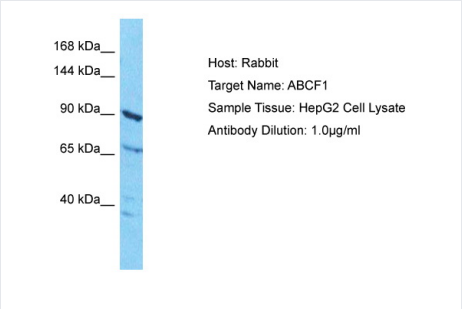
ABCF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ABCF1, Polyclonal Antibody
Full Product Name	ABCF1 Antibody - N-terminal region
Product Gene Name	anti-ABCF1 antibody
Product Synonym Gene Name	ABCF1; ABC50;
Immunogen Sequence	Synthetic peptide located within the following region: GEEEKVLKEK EQQQQQQQQQ QKKKRDTRKG RRKKDVDDDG EEKELMERLK
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ABCF1 peptide (MBS3244976) is used for blocking the activity of ABCF1 antibody (MBS3220153)
Molecular Weight	92kDa
OMIM	603429
3D Structure	ModBase 3D Structure for Q8NE71
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ABCF1
Product Categories/Family for anti-ABCF1 antibody	Polyclonal; Membrane Protein; Cell Biology; Membrane & Traffic; Disease Related
Applications Tested/Suitable for anti-ABCF1 antibody	Western Blot (WB)
Related Product Information for anti-ABCF1 antibody	This is a rabbit polyclonal antibody against ABCF1. It was validated on Western Blot Target Description: 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 membranes. 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 superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhancement of protein synthesis and the inflammation process.
Other Notes	Small volumes of anti-ABCF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ABCF1 purchase	MBS3220153 is an antibody targeting ABCF1. Also known as ABCF1 Antibody - N-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ABCF1 antibody
Host: RabbitTarget Name: ABCF1Sample Type: HepG2 Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABCF1. It may not necessarily be applicable to this product.

NCBI GI #	69354671
NCBI GeneID	23
NCBI Accession #	NP_001020262.1
UniProt Primary Accession #	Q8NE71
UniProt Related Accession #	Q8NE71
GenBank Nucleotide #	NM_001025091.2
NCBI Official Full Name	ATP-binding cassette sub-family F member 1 isoform a
NCBI Official Synonym Full Names	ATP binding cassette subfamily F member 1
NCBI Official Symbol	ABCF1
NCBI Official Synonym Symbols	ABC27; ABC50
UniProt Protein Name	ATP-binding cassette sub-family F member 1
UniProt Synonym Protein Names	ATP-binding cassette 50; TNF-alpha-stimulated ABC protein
Protein Family	ABC transporter F family
UniProt Gene Name	ABCF1
UniProt Synonym Gene Names	ABC50
UniProt Entry Name	ABCF1_HUMAN
NCBI Protein Information	ATP-binding cassette sub-family F member 1
NCBI Summary for ABCF1	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 membranes. 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 superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhancement of protein synthesis and the inflammation process. [provided by RefSeq, Jul 2008]

UniProt Comments for ABCF1	ABCF1: Isoform 2 is required for efficient Cap- and IRES- mediated mRNA translation initiation. Isoform 2 is not involved in the ribosome biogenesis. Belongs to the ABC transporter superfamily. ABCF family. EF3 subfamily. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Translation; RNA-binding Chromosomal Location of Human Ortholog: 6p21.33 Cellular Component: nucleoplasm; polysomal ribosome; membrane; cytoplasm; ribosome; nuclear envelope Molecular Function: protein binding; translation activator activity; translation factor activity, nucleic acid binding; ATPase activity; ribosome binding; ATP binding Biological Process: positive regulation of translation; translation; ribosome biogenesis and assembly; translational initiation; inflammatory response
Research Articles on ABCF1	**1.** The high copy number variant in the ABCF1 gene was the strongest risk factor for gout.
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