



ABCF1 Monoclonal Antibody

Catalog No	YP-mAb-00657
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ABCF1
Protein Name	ATP-binding cassette sub-family F member 1
Immunogen	Synthesized peptide derived from ABCF1 . at AA range: 760-840
Specificity	ABCF1 Monoclonal Antibody detects endogenous levels of ABCF1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ABCF1; ABC50; ATP-binding cassette sub-family F member 1; ATP-binding cassette 50; TNF-alpha-stimulated ABC protein
Observed Band	95kD
Cell Pathway	[Isoform 2]: Cytoplasm . Nucleus, nucleoplasm . Nucleus envelope .
Tissue Specificity	Ubiquitous.
Function	function:May function in mRNA translation.,induction:By TNF (in cultured synoviocytes).,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the ABC transporter family.,similarity:Belongs to the ABC transporter family. EF3 subfamily.,similarity:Contains 2 ABC transporter domains.,subunit:Interacts with eukaryotic initiation factor 2 (eIF2). Associates with the ribosomes.,tissue specificity:Ubiquitous.,
Background	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],

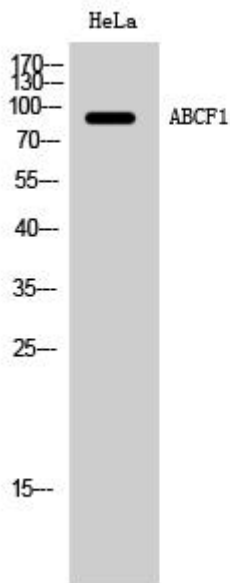
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ABCF1 Monoclonal Antibody