

## **ABCF1 Polyclonal Antibody**

Catalog No: YT0051

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: ABCF1

Gene Name: ABCF1

**Protein Name:** ATP-binding cassette sub-family F member 1

Q8NE71

Q6P542

Human Gene ld: 23

**Human Swiss Prot** 

No:

Mouse Gene ld: 224742

**Mouse Swiss Prot** 

No:

Rat Gene ld: 85493

Rat Swiss Prot No: Q6MG08

**Immunogen:** Synthesized peptide derived from ABCF1 . at AA range: 760-840

**Specificity:** ABCF1 Polyclonal Antibody detects endogenous levels of ABCF1 protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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**Concentration:** 1 mg/ml

**Storage Stability :** \_-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 95kD

**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],

**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.,

Subcellular Location:

[Isoform 2]: Cytoplasm . Nucleus, nucleoplasm . Nucleus envelope .

**Expression:** Ubiquitous.

**Sort :** 1582

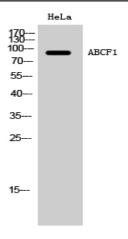
**No4**: 1

Host: Rabbit

Modifications: Unmodified

## **Products Images**

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Western Blot analysis of HeLa cells using ABCF1 Polyclonal Antibody