

Anti-ABCF1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 96 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Rat bladder); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ABCF1) Polyclonal Antibody, Unconjugated (TMAB-02158) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.</p> <p>2. HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (ABCF1) polyclonal Antibody, Unconjugated (TMAB-02158) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.</p>
Application:	IHC-P,IHC-Fr,ICC/IF,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ABCF1
Antigen Species:	Human
Gene ID:	23
Uniprot ID:	Q8NE71
Synonyms:	D17Wsu166e;Abc50;ABC27;GCN20;wu:fb79c06;ATP binding cassette sub family F member 1; zgc:85667;ABCF1_HUMAN;TNFalpha inducible ATP binding protein;AU041969;wu:fj94a08;ATP-binding cassette sub-family F(GCN20) member 1;EST123147;TNF alpha stimulated ABC protein; wu:fc39a05;ATP binding cassette 50(TNF alpha stimulated);ATP binding cassette 50;Abcf1

Research 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]

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