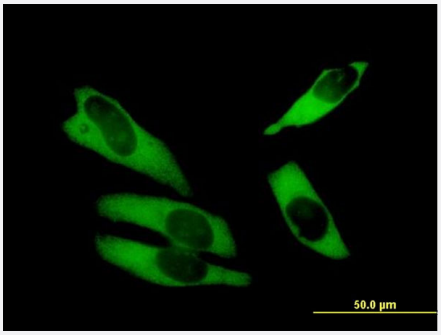
MaxPab®

ABCF1 purified MaxPab mouse polyclonal antibody (B01P)

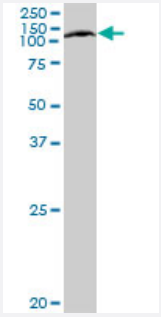
Catalog # H00000023-B01P Size 50 ug

Applications



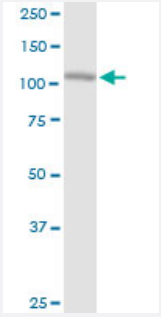
Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ABCF1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot (Cell lysate)

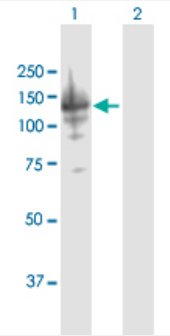
ABCF1 MaxPab polyclonal antibody. Western Blot analysis of ABCF1 expression in HepG2.



Western Blot (Cell lysate)

ABCF1 MaxPab polyclonal antibody. Western Blot analysis of ABCF1 expression in HeLa.

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Western Blot (Transfected lysate)

Western Blot analysis of ABCF1 expression in transfected 293T cell line (H00000023-T01) by ABCF1 MaxPab polyclonal antibody.

Lane 1: ABCF1 transfected lysate(92.95 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ABCF1 protein.
Immunogen	ABCF1 (AAH34488.1, 1 a.a. ~ 845 a.a) full-length human protein.
Sequence	MPKAPKQQPPEPEWIGDGESTSPSDKVVKKGKKDKKIKKTFFEELAVEDKQAGEEEKVLKEKE QQQQQQQQQQKKKRDTRKGRRKKDVDDDGEEKELMERLKKLSVPTSDEEDEVPAPKPRGGK KTKGGNVFAALIQDQSEEEEEEEKHPPKPAKPEKNRINKAVPEEQQPALKGKKGKEEKSKGKAK PQNKFAALDNEEEDKEEEIIKEKEPPKQGKEKAKKAEQGSEEEGEGEEEEEEGGESKADDPYA HLSKKEKKKLKKQMEYERQVASLKAANAAENDFSVSQAEMSSRQAMLENASDIKLEKFSISAHG KELFVNADLYIVAGRRYGLVGPNGKGKTTLLKHIANRALSIPPNIDVLLCEQEVVADETPAVQAVLR ADTKRLKLLEEERRLQGQLEQGDDTAAERLEKVYEELRATGAAAAAEAKARRILAGLGFDPEMQN RPTQKFSGGWRMRVSLARALFMEPTLLMLDEPTNHLDLNAVIWLNNYLQGWRKTLLIVSHDQGFL DDVCTDIIHLDAQRLHYYRGNYMTFKKMYQQKQKELLKQYEKQEKKLKELKAGGKSTKQAEKQTK EALTRKQQKCRRKNQDEESQEAPELLKRPKEYTVRFTFPDPPPLSPPVLGLHGVTFGYQGQKPL FKNLDFGIDMDSRICIVGPNGVGKSTLLLLLTGKLTPTHGEMRKNHRLKIGFFNQQYAEQLRMEETP TEYLQRGFNLPYQDARKCLGRFGLESHAHTIQICKLSGGQKARVVFAELACREPDVLILDEPTNNL DIESIDALGEAINEYKGAVIVVSHDARLITETNCQLWVVEEQSVSQIDGDFEDYKREVLEALGEVMV SRPRE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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- Immunofluorescence

  Immunofluorescence of purified MaxPab antibody to ABCF1 on HeLa cell. [antibody concentration 10 ug/ml]

  Protocol Download

- Western Blot (Cell lysate)

  ABCF1 MaxPab polyclonal antibody. Western Blot analysis of ABCF1 expression in HepG2.

  Protocol Download

- Western Blot (Cell lysate)

  ABCF1 MaxPab polyclonal antibody. Western Blot analysis of ABCF1 expression in HeLa.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ABCF1 expression in transfected 293T cell line (H00000023-T01) by ABCF1 MaxPab polyclonal antibody.

  Lane 1: ABCF1 transfected lysate(92.95 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — ABCF1

Entrez GeneID	23
GeneBank Accession#	BC034488.2
Protein Accession#	AAH34488.1
Gene Name	ABCF1
Gene Alias	ABC27, ABC50
Gene Description	ATP-binding cassette, sub-family F (GCN20), member 1
Omim ID	603429
Gene Ontology	Hyperlink

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Gene Summary	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 membrane s. 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 s uperfamily, this protein lacks the transmembrane domains which are characteristic of most ABC tr ansporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhan cement of protein synthesis and the inflammation process. [provided by RefSeq
Other Designations	ATP-binding cassette 50 (TNF-alpha stimulated)|ATP-binding cassette, sub-family F, member 1| OTTHUMP00000029110|OTTHUMP00000029111|TNFalpha-inducible ATP-binding protein

Publication Reference

- ATP-Binding Cassette Transporter A1 (ABCA1) Promotes Arsenic Tolerance in Human Cells via Reducing Cellular Arsenic Accumulation.

  Tan X, Yang L, Xian L, Huang J, Di C, Gu W, Guo S, Yang L.

  Clinical and Experimental Pharmacology & Physiology 2014 Apr; 41(4):287.

  Application: WB-Tr, Human, AsRE cells

Disease

- Genetic Predisposition to Disease
- Lupus Erythematosus
- Spondylitis

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