

Datasheet for ABIN515438

anti-Prothrombin antibody (AA 1-622)

2 Images

1 Publication



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Overview

Quantity:	50 µg
Target:	Prothrombin (F2)
Binding Specificity:	AA 1-622
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Prothrombin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human F2 protein.
Immunogen:	F2 (NP_000497.1, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence:	MAHVRGLQLP GCLALAALCS LVHSQHVFLA PQQARSLQRR VRRANTFLEE VRKGNLEREC VEETCSYEEA FEALSTAT DVFWAKYTAC ETARTPRDKL AACLEGNCAE GLGTNYRGHV NITRSGIECQ LWRSPYHPKP EINSTTHPGA DLQENFCRNP DSSTTGPWCY TTDPTVRRQE CSIPVCGQDQ VTVAMTPRSE GSSVNLSPPL EQCVPDRGQQ YQGR LAVTTH GLPCLAWASA QAKALSKHQD FNSAVQLVEN FCRNPDGDEE GWWCYVAGKP GDFGYCDLNY CEEAVEEETG DGLDESDRA IEGRTATSEY QTFNPRPTFG SGEADCGLRP LFEKKSLEDK TERELLESYI DGRIVEGSDA EIGMSPWQVM LFRKSPQELL CGASLISDRW VLTAAHCLLY PPWDKNFTEN DLLVRIGKHS RTRYERNIEK ISMLEKIYH PRYNWRENLD RDIALMKLKK PVAFSDYIHP VCLPDRETA SLLQAGYKGR VTGWGNLKET WTANVGKGQP SVLQVVNLPI VERPVCKDST RIRITDNMFC AGYKPDEGKR GDACEGDSGG PFVMKSPFNN RWYQMGIWSW GEGCDRDGKY

Product Details

GFYTHVFRLLK KWIQKVIDQF GE

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: Prothrombin (F2)

Alternative Name: F2 ([F2 Products](#))

Background: Full Gene Name: coagulation factor II (thrombin)
Synonyms: PT

Gene ID: 2147

NCBI Accession: [NM_000506](#)

Pathways: [Complement System](#), [Peptide Hormone Metabolism](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

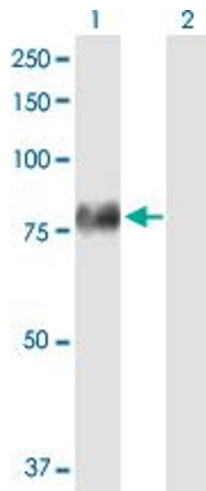
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Huang, Wu, Tseng, Chen, Hsieh, Chen: "Increased prothrombin, apolipoprotein A-IV, and haptoglobin in the cerebrospinal fluid of patients with Huntington's disease." in: **PLoS ONE**, Vol. 6, Issue 1, pp. e15809, (2011) ([PubMed](#)).

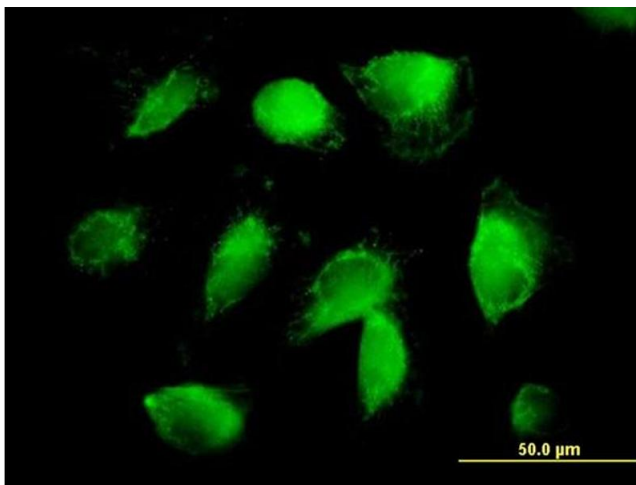


Western Blotting

Image 1. Western Blot analysis of F2 expression in transfected 293T cell line by F2 MaxPab polyclonal antibody.

Lane 1: F2 transfected lysate(68.42 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of purified MaxPab antibody to F2 on HepG2 cell. [antibody concentration 10 ug/ml]