

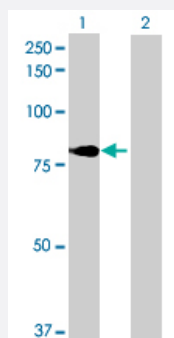
MaxPab®

PABPC4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008761-B01P

Size 50 ug

Applications

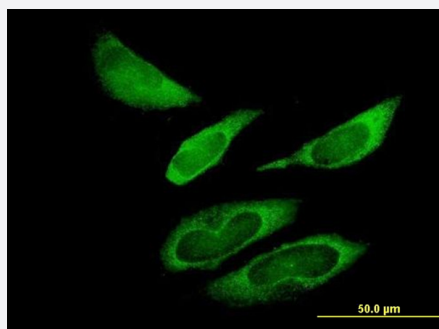


Western Blot (Transfected lysate)

Western Blot analysis of PABPC4 expression in transfected 293T cell line ([H00008761-T01](#)) by PABPC4 MaxPab polyclonal antibody.

Lane 1: PABPC4 transfected lysate(72.6 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PABPC4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PABPC4 protein.

Immunogen

PABPC4 (AAH71591.1, 1 a.a. ~ 660 a.a) full-length human protein.

Sequence

MNAAASSYPMASLYVGDHSDVTEAMLYEKFSPAGPVLSIRVCRDMITRRSLGYAYVNFQQPADA
ERALDTMNFDFVIKGPIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNLSCKVVC
DENGSKGYAFVHFETQEAADKAIEKMNGMMLNDRKVFVGRFKSRKEREAEKGAKAKEFTNVYIK
NFGEEVDDESLKELFSQFGKTLVKVMRDPNGKSKGFGFVSYEKHEDANKAVEEMNGKEISGKII
FVGRAQKKVERQAELKRKFEQLKQERISRYQGVNLYIKNLDDTIDDEKLKKEFSPFGSITSKAVML
EDGRSKGFGFVCFSSPEEATKAVTEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMR
ALPANAILNQFQPAAGGYFVPAVPAQAGRPPYYTPNQLAQMRPNPRWQQGGRPQGFQGMPSAI
RQSGPRPTLRHLAPTGNAPASRGLPTTTQRVGSECPDRLAMDFGGAGAAQQGLTDSCQSGGVP
TAVQNLAPRAAVAAAAPRAVAPYKYASSVRGPHPAIQPLQAPQPAVHVQGQEPLTASMLAAAPP
QEQKQMLGERLFPLIQTMHSNLAGKITGMLLEIDNSELLHMLESPESLSKVD EAVAVLQAHHAK
KEAAQKVGAVAAATS

Host

Mouse

Reactivity

Human

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

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PABPC4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PABPC4

Entrez GeneID

[8761](#)

GeneBank Accession#

[BC071591.1](#)

Protein Accession#

[AAH71591.1](#)

Gene Name

PABPC4

Gene Alias	APP-1, APP1, FLJ43938, PABP4, iPABP
Gene Description	poly(A) binding protein, cytoplasmic 4 (inducible form)
Omim ID	603407
Gene Ontology	Hyperlink
Gene Summary	<p>Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most eukaryotic mRNAs. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-cell mRNA encoding a protein. Activation of T cells increased PABPC4 mRNA levels in T cells approximately 5-fold. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus. PABPC4 is localized primarily to the cytoplasm. It is suggested that PABPC4 might be necessary for regulation of stability of labile mRNA species in activated T cells. PABPC4 was also identified as an antigen, APP1 (activated-platelet protein-1), expressed on thrombin-activated rabbit platelets. PABPC4 may also be involved in the regulation of protein translation in platelets and megakaryocytes or may participate in the binding or stabilization of polyadenylates in platelet dense granules. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000010668 inducible poly(A)-binding protein poly A binding protein, cytoplasmic 4