

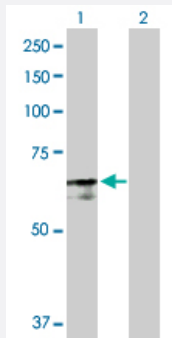
MaxPab®

PABPC4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008761-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PABPC4 expression in transfected 293T cell line ([H00008761-T02](#)) by PABPC4 MaxPab polyclonal antibody.

Lane 1: PABPC4 transfected lysate(72.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	<p>MNAAASSYPMASLYVGDHSDVTEAMLYEKFSPAGPVLSIRVCRDMITRRSLGYAYVNFQQPADA ERALDTMNFDFVIKGPIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNLSCKVVC DENGSKGYAFVHFETQEAADKAIEKMNGMMLNDRKVFVGRFKSRKEREALGAKAKEFTNVYIK NFGEEVDDESLKELFSQFGKTLVSVKVMRDPNGKSKGFGFVSYEKHEDANKAVEEMNGKEISGKII FVGRAQKKVERQAELKRKFEQLKQERISRYQGVNLYKNLDDTIDDEKLKKEFSPFGSITSKAVML EDGRSKGFGFVCFSSPEEATKAVTEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMR ALPANAILNQFQPAAGGYFVPAVPQAQGRPPYYTPNQLAQMRPNPRWQQGGRPQGFQGMPSAI RQSGPRPTLRHLAPTGNAPASRGLPTTTQRVGSECPDRLAMDFGGAGAAQQGLTDSCQSGGVP TAVQNLAPRAAVAAAAPRAVAPYKYASSVRGPHAIQPLQAPQPAVHVQGQEPLTASMLAAAPP QEQKQMLGERLFPLIQTMHSNLAGKITGMLLEIDNSELLHMLESPESLSKVD EAVAVLQAHAK KEAAQKVGAVAAATS</p>
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (95)

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.

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[Protocol Download](#)

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>
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Other DesignationsOTTHUMP00000010668|inducible poly(A)-binding protein|poly A binding protein, cytoplasmic 4
