

DNAxPAb

Hard-to-Find
Antibody

PABPC4 DNAxPab

Catalog # H00008761-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PABPC4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNAAASSYPMASLYVGDHSDVTEAMLYEKFSPAGPVLSIRVCRDMITRRSLGYAYVNFQQPADA ERALDTMNFDFVIKGPIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVC DENGSKGYAFVHFETQEAADKAIEKMNGMMLNDRKVFVGRFKSRKEREAEKGAKAKEFTNVYIK NFGEEVDDESLKELFSQFGKTLVKVMRDPNGKSKGFGFVSYEKHEDANKAVEEMNGKEISGKII FVGRAQKKVERQAELKRKFEQLKQERISRYQGVNLYIKNLDDTIDDEKLKKEFSPFGSITSAKVML EDGRSKGFGFVCFSSPEEATKAVTEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMR ALPANAILNQFQPAAGGYFVPAVPAQAGRPPYYTPNQLAQMRPNPRWQQGGRPQGFQGMPSAI RQSGPRPTLRHLAPTGNAPASRGLPTTTQRVGSECPDRLAMDFGGAGAAQQGLTDSCQSGGVP TAVQNLAPRAAVAAAAPRAVAPYKYASSVRGPHPAIQPLQAPQPAVHVQQQEPLTASMLAAAPP QEQQMLGERLFPLIQTMHNSLAGKITGMLLEIDNSELLHMLESPESLSKVD EAVAVLQAHHAK KEAAQKVGAVAAATS
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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

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]

Other Designations OTTHUMP00000010668|inducible poly(A)-binding protein|poly A binding protein, cytoplasmic 4