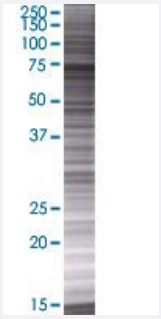
PABPC4 293T Cell Transient Overexpression Lysate(Denatured)

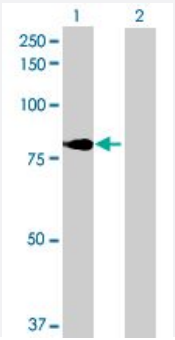
Catalog # H00008761-T01 Size 100 uL

Applications



SDS-PAGE Gel

PABPC4 transfected lysate.



Western Blot

Lane 1: PABPC4 transfected lysate (72.71 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PABPC4 full-length
Host	Human
Theoretical MW (kDa)	72.71
Interspecies Antigen Sequence	Mouse (97); Rat (95)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PABPC4 antibody (H00008761-B01) by Western Blots. SDS-PAGE Gel PABPC4 transfected lysate. Western Blot Lane 1: PABPC4 transfected lysate (72.71 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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