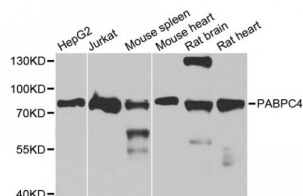


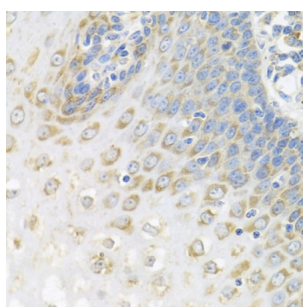
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Poly(A) Binding Protein Cytoplasmic 4 (PABPC4) Antibody

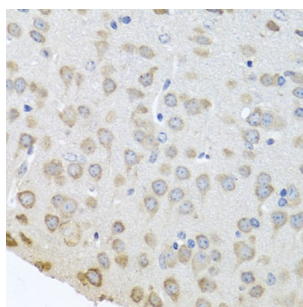
Catalogue No.: abx004563



Western blot analysis of extracts of various cell lines, using PABPC4 antibody (abx004563) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded human esophagus using PABPC4 antibody (abx004563) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using PABPC4 antibody (abx004563) at dilution of 1/100 (40x lens).

PABPC4 Antibody is a Rabbit Polyclonal antibody against PABPC4. 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.

Target: PABPC4

Reactivity: Human, Mouse, Rat

Host: Rabbit

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Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PABPC4.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 69 kDa/70 kDa/72 kDa
Observed MW: 79 kDa

Swiss Prot: [Q13310](#)

GeneID: [8761](#)

Gene Symbol: PABPC4

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.