

PABP5 rabbit pAb

Cat#: orb767704 (Manual)

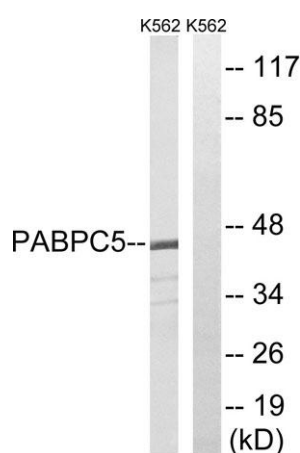
For research use only. Not intended for diagnostic use.

Product Name	PABP5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PABPC5. AA range:184-233
Specificity	PABP5 Polyclonal Antibody detects endogenous levels of PABP5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Polyadenylate-binding protein 5
Gene Name	PABPC5
Cellular localization	Cytoplasm ; [Isoform 2]: Mitochondrion matrix . Co-fractionates with mtDNA and co-immunoprecipitates with the mitochondrial poly(A) polymerase.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

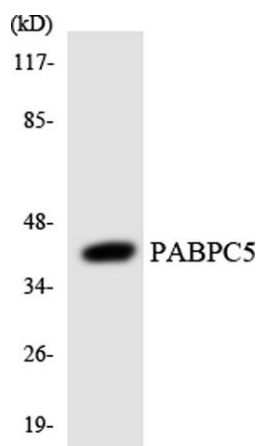
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	43kD
Human Gene ID	140886
Human Swiss-Prot Number	Q96DU9
Alternative Names	PABPC5; PABP5; Polyadenylate-binding protein 5; PABP-5; Poly(A)-binding protein 5

Background

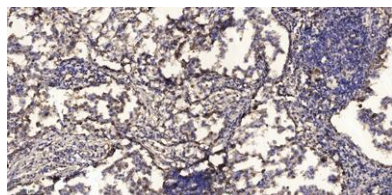
This gene encodes a protein that binds to the polyA tail found at the 3' end of most eukaryotic mRNAs. It is thought to play a role in the regulation of mRNA metabolic processes in the cytoplasm. This gene is located in a gene-poor region within the X-specific 13d-sY43 subinterval of the chromosome Xq21.3/Yp11.2 homology block. It is located close to translocation breakpoints associated with premature ovarian failure, and is therefore a potential candidate gene for this disorder. [provided by RefSeq, May 2010],



Western blot analysis of lysates from K562 cells, using PABPC5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PABPC5 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).