



# mAbP5 Monoclonal Antibody

Catalog No	BYmab-04056
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PABPC5
Protein Name	Polyadenylate-binding protein 5
Immunogen	The antiserum was produced against synthesized peptide derived from human PABPC5. AA range:184-233
Specificity	PABP5 Monoclonal Antibody detects endogenous levels of PABP5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PABPC5; PABP5; Polyadenylate-binding protein 5; PABP-5; Poly(A)-binding protein 5
Observed Band	43kD
Cell Pathway	Cytoplasm .; [Isoform 2]: Mitochondrion matrix . Co-fractionates with mtDNA and co-immunoprecipitates with the mitochondrial poly(A) polymerase.
Tissue Specificity	Expressed in fetal brain and in a range of adult tissues.
Function	function: Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo., similarity: Contains 4 RRM (RNA recognition motif) domains., tissue specificity: Expressed in fetal brain and in a range of adult tissues.,
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

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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],

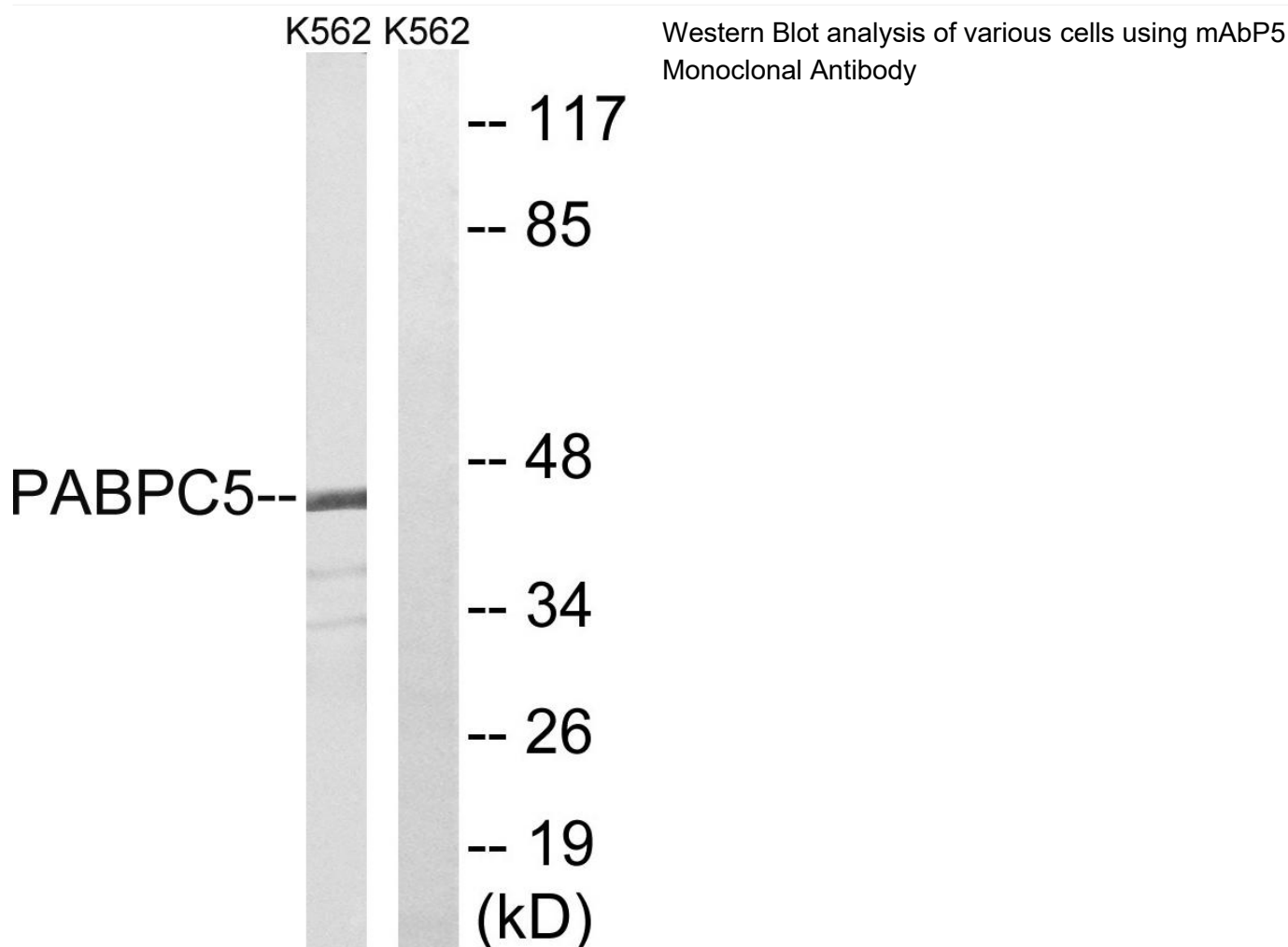
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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