

Rabbit anti-Human PABPN1 Monoclonal Antibody | anti-PABPN1 antibody

PABPN1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28464	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

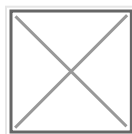
PRODUCT SYNONYMS

PABPN1; Monoclonal Antibody; PABPN1 Rabbit mAb; OPMD; PAB2; PABII; PABP2; PABP-2; anti-PABPN1 antibody

PRODUCT SPECIFICATIONS

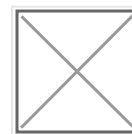
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MAAAAAAAAA AGAAGGRGSG PGRRRHLVPG AGGEAGEGAP GGAGDYGNGL ESEELEPEEL LLEPEPEPEP EEEEPRPRAP PGAPGPGPGS GAPGSQEEEE
Applicable Applications for anti-PABPN1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:200-1:2000 IF/ICC: 1:200-1:2000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PABPN1 (Q86U42).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

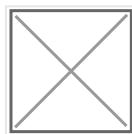
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

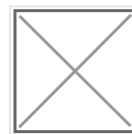
Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using PABPN1 Rabbit mAb (AAA28464) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-PABPN1 antibody	This gene encodes an abundant nuclear protein that binds with high affinity to nascent poly(A) tails. The protein is required for progressive and efficient polymerization of poly(A) tails at the 3' ends of eukaryotic transcripts and controls the size of the poly(A) tail to about 250 nt. At steady-state, this protein is localized in the nucleus whereas a different poly(A) binding protein is localized in the cytoplasm. This gene contains a GCG trinucleotide repeat at the 5' end of the coding region, and expansion of this repeat from the normal 6 copies to 8-13 copies leads to autosomal dominant oculopharyngeal muscular dystrophy (OPMD) disease. Related pseudogenes have been identified on chromosomes 19 and X. Read-through transcription also exists between this gene and the neighboring upstream BCL2-like 2 (BCL2L2) gene.
Product Categories/Family for anti-PABPN1 antibody	Epigenetics Nuclear Signaling ; RNA Binding ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758876
NCBI GeneID	8106
NCBI Accession #	NP_004634.1
NCBI GenBank Nucleotide #	NM_004643.3
UniProt Accession #	Q86U42; O43484; D3DS49
Molecular Weight	Calculated MW: 31kDa/33kDa Observed MW: 50kDa
UniProt Protein Name	Polyadenylate-binding protein 2
UniProt Gene Name	PABPN1
UniProt Synonym Gene Names	PAB2; PABP2; PABP-2; Poly(A)-binding protein 2; PABII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pabpn1-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28464>