

Datasheet for ABIN2855064
anti-PABPN1 antibody



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4 Images

Overview

Quantity:	100 µL
Target:	PABPN1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PABPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PABPN1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to PABPN1 (poly(A) binding protein, nuclear 1) PABPN1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PABPN1
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Target Details

Alternative Name:	poly(A) binding protein nuclear 1 (PABPN1 Products)
Background:	<p>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 on the 3' ends of eukaryotic genes 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. An expansion of the trinucleotide (GCG) repeat from normal 6 to 8-13 at the 5' end of the coding region of this gene leads to autosomal dominant oculopharyngeal muscular dystrophy (OPMD) disease. Multiple splice variants have been described but their full-length nature is not known. One splice variant includes introns 1 and 6 but no protein is formed.</p> <p>Cellular Localization: Nucleus (By similarity) , Cytoplasm (By similarity)</p>
Molecular Weight:	33 kDa
Gene ID:	8106
UniProt:	Q86U42

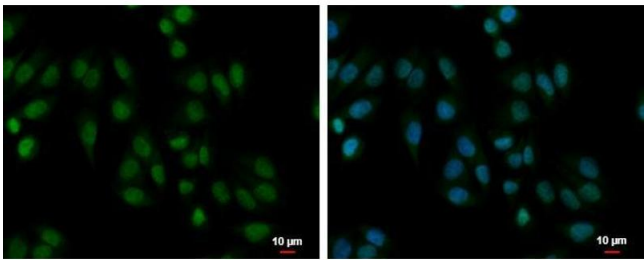
Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , Jurkat
Restrictions:	For Research Use only

Handling

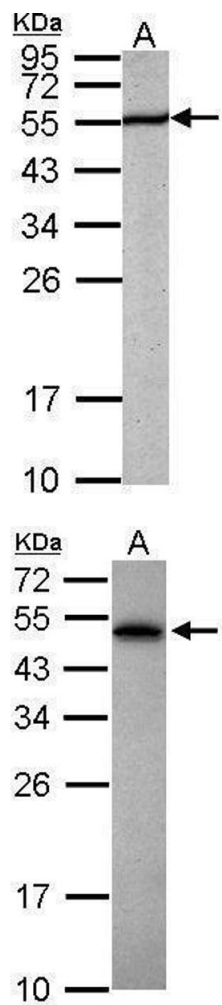
Format:	Liquid
Concentration:	0.49 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunofluorescence

Image 1. ICC/IF Image PABPN1 antibody detects PABPN1 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: A375 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PABPN1 protein stained by PABPN1 antibody , diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μm.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: mouse brain 12% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Jurkat 12% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855064.