

Datasheet for ABIN6145153
anti-PABPN1 antibody (AA 1-100)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	PABPN1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PABPN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PABPN1 (NP_004634.1).
Sequence:	MAAAAAAAAA AGAAGGRGSG PGRRRHLVPG AGGEAGEGAP GGAGDYGNGL ESEELEPEEL LLEPEPEPEP EEEPPRPRAP PGAPGPGPGS GAPGSQEEEE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PABPN1
---------	--------

Target Details

Alternative Name:	PABPN1 (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 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.,PABPN1,OPMD,PAB2,PABII,PABP-2,PABP2,Epigenetics & Nuclear Signaling,RNA Binding,PABPN1</p>
Molecular Weight:	31 kDa/32 kDa/37 kDa
Gene ID:	8106
UniProt:	Q86U42

Application Details

Application Notes:	WB,1:500 - 1:1000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in: Zhang, Xu, Xu, Wei, Xu: "Protein kinase A inhibitor, H89, significantly enhances survival rate of dissociated human embryonic stem cells following cryopreservation." in: **Cell proliferation**, Vol. 49, Issue 5, pp. 589-98, (2017) ([PubMed](#)).

Zhang, Xu, Xu, Wei, Xu: "Protein kinase A inhibitor, H89, enhances survival and clonogenicity of dissociated human embryonic stem cells through Rho-associated coiled-coil containing protein kinase (ROCK) inhibition." in: **Human reproduction (Oxford, England)**, Vol. 31, Issue 4, pp. 832-43, (2016) ([PubMed](#)).

Xu, Zhang, Xu, Wei, Xu: "Sensitivity of human embryonic stem cells to different conditions during cryopreservation." in: **Cryobiology**, Vol. 71, Issue 3, pp. 486-92, (2016) ([PubMed](#)).

Images

