PABPN1 Polyclonal Antibody

Catalog Number:E-AB-63837

Note: Centrifuge before opening to ensure complete recovery of vial contents.

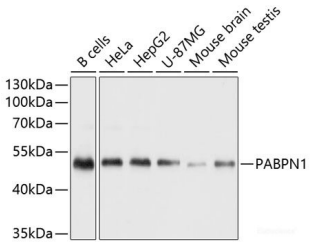
Description

Reactivity	Human,Mouse
Immunogen	A synthetic peptide of human PABPN1 (NP_004634.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications — Recommended Dilution

WB	1:500-1:1000

Data



Western blot analysis of extracts of various cell lines using Polyclonal AntibodyPN1 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:45kDa

Calculated Mw:31kDa/32kDa/37kDa

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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