

Anti-PABPN1 Antibody (50419)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human, Mouse, Rat
Molecular Weight:	Actual: 54 kDa.
Clone:	50419
Purification:	Protein G purified

Applications

- 1. Cell line: HeLa**
Fixative: 100% Ice-cold methanol
Permeabilization: 0.1% TritonX-100
Primary ab dilution: 1:50
Primary incubation condition: 4°C overnight
Nuclear counter stain: DAPI (Blue)
Counter stain: Tubulin (Red)
Comment: Color green is the positive signal for TMAB-09912
- 2. Tissue: Human colon cancer**
Section type: Formalin fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary ab dilution: 1:100
Primary ab incubation condition: 1 hour at room temperature
Counter stain: Hematoxylin
Comment: Color brown is the positive signal for TMAB-09912
- 3. Tissue: Mouse liver**
Section type: Formalin fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary ab dilution: 1:100
Primary ab incubation condition: 1 hour at room temperature
Counter stain: Hematoxylin
Comment: Color brown is the positive signal for TMAB-09912
- 4. Tissue: Rat kidney**
Section type: Formalin fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary ab dilution: 1:100
Primary ab incubation condition: 1 hour at room temperature
Counter stain: Hematoxylin
Comment: Color brown is the positive signal for TMAB-09912
- 5. Blocking buffer: 5% NFDM/TBST**
Primary ab dilution: 1:1000
Primary ab incubation condition: 4°C overnight
Lysate: HeLa, MCF-7, 3T3, Jurkat
Protein loading quantity: 20 µg
Exposure time: 30 s
Predicted MW: 56 kDa
Observed MW: 54 kDa

Verified Activity:

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF

Recommended WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Gene ID: 8106

Research 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. [provided by RefSeq, Dec 2010]

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481