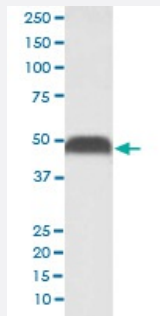


# PABPN1 monoclonal antibody, clone AAHI-16

Catalog # MAB20282      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with PABPN1 monoclonal antibody.

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human PABPN1.

**Immunogen** A synthetic peptide corresponding to human PABPN1.

**Host** Rabbit

**Reactivity** Human

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Flow Cytometry (1:50)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with PABPN1 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

## Gene Info — PABPN1

**Entrez GeneID**[8106](#)**Protein Accession#**[Q86U42](#)**Gene Name**

PABPN1

**Gene Alias**

OPMD, PAB2, PABP2

**Gene Description**

poly(A) binding protein, nuclear 1

**Omim ID**[164300 602279](#)**Gene Ontology**[Hyperlink](#)

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

poly(A) binding protein 2|poly(A) binding protein II

**Disease**

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Muscular Dystrophies](#)
- [Occupational Diseases](#)