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BANF1 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a full length recombinant BANF1.
Catalog # AT1267a

Specification

BANF1 Antibody (monoclonal) (M07) - Product Information

Application	**IF, WB, E**
Primary Accession	O75531
Other Accession	BC005942
Reactivity	**Human, Mouse, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**10059**

BANF1 Antibody (monoclonal) (M07) - Additional Information

Gene ID 8815

Other Names
Barrier-to-autointegration factor, Breakpoint cluster region protein 1, Barrier-to-autointegration factor, N-terminally processed, BANF1, BAF, BCRG1

Target/Specificity
BANF1 (AAH05942, 1 a.a. ~ 89 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
BANF1 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

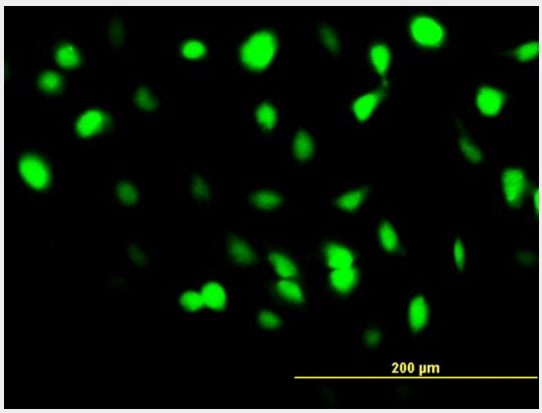
BANF1 Antibody (monoclonal) (M07) - Protocols

Provided below are standard protocols that you may find useful for product applications.

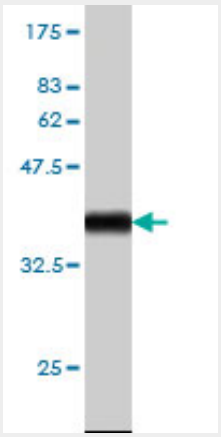
- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

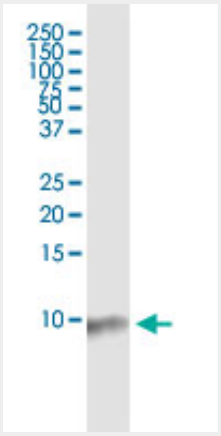
BANF1 Antibody (monoclonal) (M07) - Images



Immunofluorescence of monoclonal antibody to BANF1 on HeLa cell. [antibody concentration 10 ug/ml]



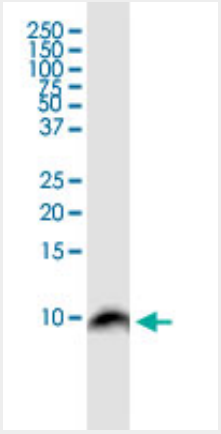
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



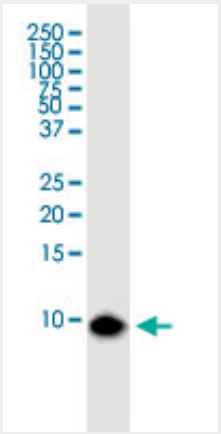
BANF1 monoclonal antibody (M07), clone M2. Western Blot analysis of BANF1 expression in

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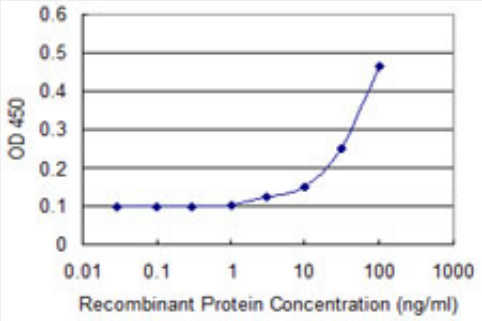
PC-12.



BANF1 monoclonal antibody (M07), clone M2. Western Blot analysis of BANF1 expression in Raw 264.7.



BANF1 monoclonal antibody (M07), clone M2. Western Blot analysis of BANF1 expression in Jurkat.



Detection limit for recombinant GST tagged BANF1 is approximately 10ng/ml as a capture antibody.

BANF1 Antibody (monoclonal) (M07) - Background

The protein encoded by this gene was first identified by its ability to protect retroviruses from intramolecular integration and therefore promote intermolecular integration into the host cell genome. The protein forms a homodimer which localizes to both the nucleus and cytoplasm and is specifically associated with chromosomes during mitosis. This protein binds to double stranded DNA in a non-specific manner and also binds to LEM-domain containing proteins of the nuclear envelope. This protein is thought to facilitate nuclear reassembly by binding with both DNA and inner nuclear

membrane proteins and thereby recruit chromatin to the nuclear periphery. Alternative splicing results in multiple transcript variants encoding the same protein.

BANF1 Antibody (monoclonal) (M07) - References

1.Functional Disruption of the Moloney Murine Leukemia Virus Preintegration Complex by Vaccinia-related Kinases.Suzuki Y, Ogawa K, Koyanagi Y, Suzuki Y.J Biol Chem. 2010 Jul 30;285(31):24032-43. Epub 2010 May 28.