Rabbit anti-Human, Mouse BANF1 Polyclonal Antibody | anti-BANF1 antibody

BANF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39394	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Western Blot, ELISA**

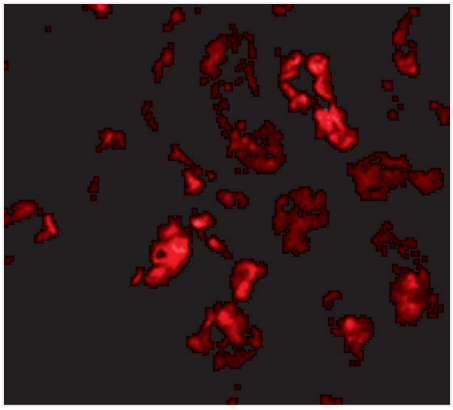
PRODUCT SYNONYMS

BANF1; Polyclonal Antibody; BANF1 Antibody; BAF; NGPS; BCRP1; D14S1460; BCRG1; Barrier-to-autointegration factor; Breakpoint cluster region protein 1; barrier to autointegration factor 1; anti-BANF1 antibody

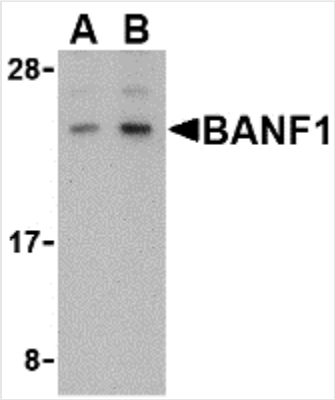
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BANF1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	89
Applicable Applications for anti-BANF1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BANF1 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human BANF1.
Buffer	BANF1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BANF1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of BANF1 in human kidney tissue with BANF1 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of BANF1 in human kidney tissue lysate with BANF1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BANF1 antibody	BANF1 Antibody: Barrier-to-autointegration factor 1 (BANF1) is a conserved chromatin protein that non-specifically binds double-stranded DNA. BANF1 also interacts with a family of nuclear proteins that include LAP2, emerin, and MAN1. It is also a host cell component of retroviral pre-integration complexes (PICs), including that of HIV. BANF1 will bind to p55 Gag (the structural precursor of HIV-1 virions) as well as its cleaved product matrix. In addition to being a host cell component of the PIC, it is thought that BANF1 is also present at low levels in incoming virions, and thus might contribute to the assembly or activity of HIV-1 PICs through direct binding to matrix as well as DNA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543577
NCBI GeneID	8815
UniProt Accession #	O75531; O60558; Q6FGG7
Molecular Weight	10,059 Da
NCBI Official Full Name	Barrier to autointegration factor 1
NCBI Official Synonym Full Names	barrier to autointegration factor 1
NCBI Official Symbol	BANF1
NCBI Official Synonym Symbols	BAF; NGPS; BCRP1; D14S1460
NCBI Protein Information	barrier-to-autointegration factor; breakpoint cluster region protein 1
UniProt Protein Name	Barrier-to-autointegration factor
UniProt Gene Name	**BANF1**
UniProt Synonym Gene Names	BAF; BCRG1
UniProt Entry Name	BAF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/banf1-antibody-immunofluorescence-western-blot-elisa/39394