

Rabbit BANF1 Polyclonal Antibody | anti-BANF1 antibody

BANF1 Antibody (Center)

CATALOG # AAA289039	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

BANF1; Polyclonal Antibody; BANF1 Antibody (Center); Barrier-to-autointegration factor; Breakpoint cluster region protein 1; N-terminally processed; BAF; BCRG1; anti-BANF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BANF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-65 amino acids from the Central region of human BANF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	37-65
Sequence Length	89
Applicable Applications for anti-BANF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

BANF1 Antibody (Center) (AAA289039) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BANF1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

BANF1 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the BANF1 antibody detected the BANF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BANF1 antibody	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.
Product Categories/Family for anti-BANF1 antibody	Microbiology
References	Montes de Oca, R., et al. PLoS ONE 4 (9), E7050 (2009) : Haraguchi, T., et al. J. Cell. Sci. 121 (PT 15), 2540-2554 (2008) : Haraguchi, T., et al. J. Cell. Sci. 120 (PT 12), 1967-1977 (2007) : Wiebe, M.S., et al. Cell Host Microbe 1(3):187-197(2007) Bengtsson, L., et al. Mol. Biol. Cell 17(3):1154-1163(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316573
NCBI GeneID	8815
NCBI Accession #	NP_001137457.1; NP_003851.1
NCBI GenBank Nucleotide #	NM_001143985.1
UniProt Accession #	O75531; O60558; Q6FGG7
Molecular Weight	10059
NCBI Official Full Name	barrier-to-autointegration factor
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
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-immunohistochemistry-western-blot-elisa/289039>