

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

BANF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232405	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

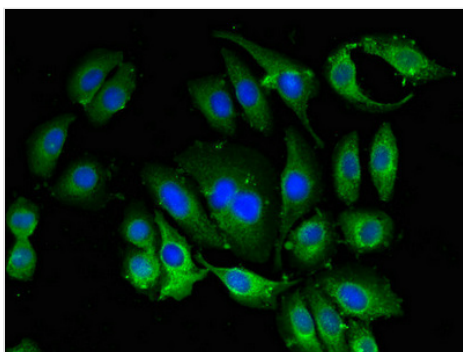
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

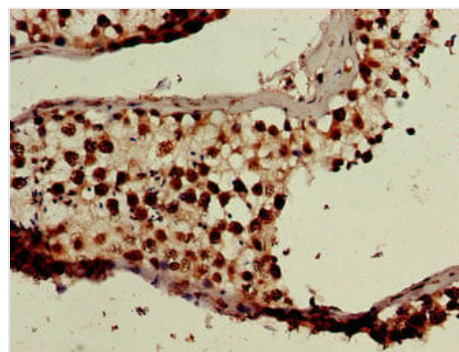
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	89
Applicable Applications for anti-BANF1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Barrier-to-autointegration factor protein (2-89AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27836 / sc-33787
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



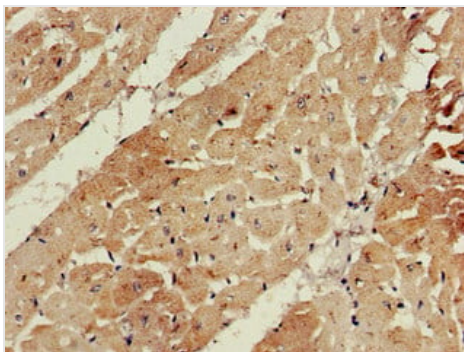
IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA232405 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232405 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA232405 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-BANF1 antibody

Plays fundamental roles in nuclear assembly, chromatin organization, gene expression and gonad development. May potentially compress chromatin structure and be involved in membrane recruitment and chromatin decondensation during nuclear assembly. Contains 2 non-specific dsDNA-binding sites which may promote DNA cross-bridging. Exploited by retroviruses for inhibiting self-destructing autointegration of retroviral DNA, thereby promoting integration of viral DNA into the host chromosome. EMD and BAF are cooperative cofactors of HIV-1 infection. Association of EMD with the viral DNA requires the presence of BAF and viral integrase. The association of viral DNA with chromatin requires the presence of BAF and EMD.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316573
NCBI GeneID	8815
NCBI Accession #	NP_001137457.1
NCBI GenBank Nucleotide #	NM_001143985.1
UniProt Accession #	O75531 ; O60558 ; Q6FGG7
Molecular Weight	10,059 Da
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-immunofluorescence-immunohistochemistry-elisa/232405>