

Datasheet for ABIN7145258
anti-BANF1 antibody (AA 2-89)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	BANF1
Binding Specificity:	AA 2-89
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BANF1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Barrier-to-autointegration factor protein (2-89AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BANF1
Alternative Name:	BANF1 (BANF1 Products)
Background:	Background: Plays fundamental roles in nuclear assembly, chromatin organization, gene expression and gonad development. May potentially compress chromatin structure and be

Target Details

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.

Aliases: BAF antibody, BAF_HUMAN antibody, BANF 1 antibody, BANF1 antibody, Barrier to autointegration factor 1 antibody, Barrier to autointegration factor antibody, Barrier-to-autointegration factor antibody, BCRG 1 antibody, BCRG1 antibody, BCRP 1 antibody, BCRP1 antibody, Breakpoint cluster region protein 1 antibody, D14S1460 antibody, MGC111161 antibody, NGPS antibody

UniProt: [O75531](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

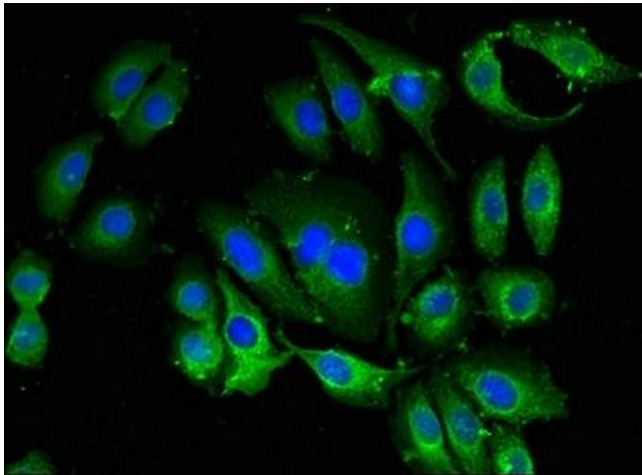
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

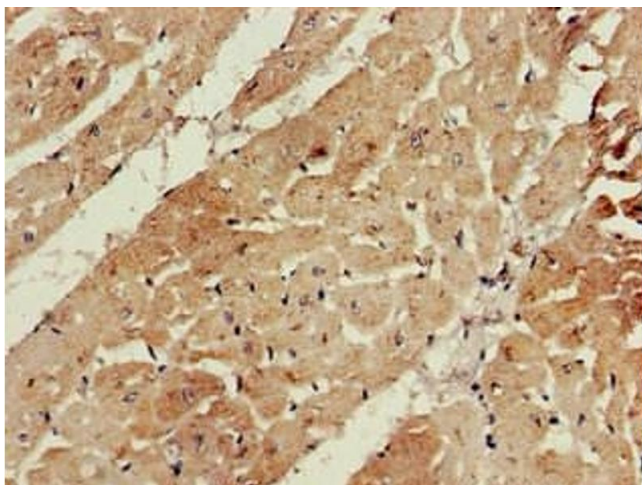
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



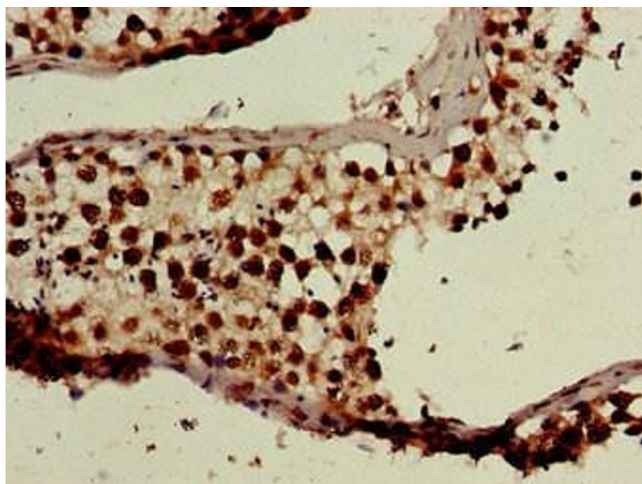
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7145258 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7145258 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7145258 at dilution of 1:100