

BANF1 Rabbit mAb

Catalog No: #52049

Package Size: #52049-1 50ul #52049-2 100ul

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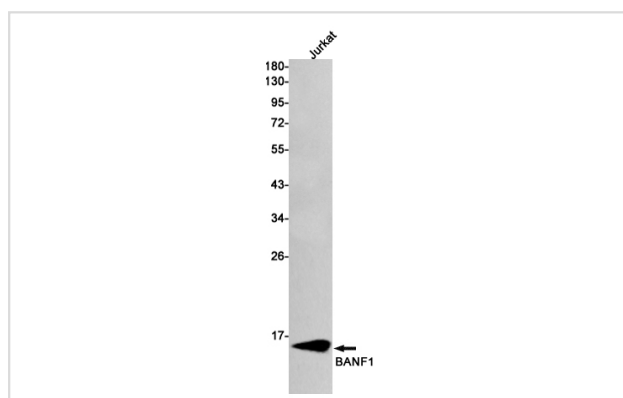
Description

Product Name	BANF1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S09-3F2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human BANF1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BAF; BANF1; BCRG1; BCRP1; NGPS;
Accession No.	Swiss-Prot:O75531GeneID:8815
Calculated MW	Calculated MW: 10 kDa; Observed MW: 10 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/5000;

Images



Western blot detection of BANF1 in Jurkat cell lysates using BANF1 Rabbit mAb(1:1000 diluted). Predicted band size:10kDa.Observed band size:10kDa.

Background

Non-specific DNA-binding protein that plays key roles in mitotic nuclear reassembly, chromatin organization, DNA damage response, gene expression and intrinsic immunity against foreign DNA (PubMed:10908652, PubMed:11792822, PubMed:12163470, PubMed:18005698, PubMed:25991860,

PubMed:28841419, PubMed:32792394).

Contains two non-specific double-stranded DNA (dsDNA)-binding sites which promote DNA cross-bridging (PubMed:9465049).

Plays a key role in nuclear membrane reformation at the end of mitosis by driving formation of a single nucleus in a spindle-independent manner (PubMed:28841419).

Transiently cross-bridges anaphase chromosomes via its ability to bridge distant DNA sites, leading to the formation of a dense chromatin network at the chromosome ensemble surface that limits membranes to the surface (PubMed:28841419).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.