

Product datasheet for **TA338203**

BANF1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BANF1 antibody is: synthetic peptide directed towards the middle region of Human BANF1. Synthetic peptide located within the following region: FDKAYVVLGQFLVLKKDEDLFREWLNKDTTCGANAKQSRDCFGCLREWCDAF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	10 kDa
Gene Name:	barrier to autointegration factor 1
Database Link:	NP_003851 Entrez Gene 8815 Human O75531



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Background:

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.

Synonyms:

BAF; BCRP1; D14S1460; NGPS

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 91%

Product images:

WB Suggested Anti-BANF1 Antibody; Titration: 1.0 ug/ml; Positive Control: MCF7 Whole Cell BANF1 is supported by BioGPS gene expression data to be expressed in MCF7