

Rabbit BCA3 Polyclonal Antibody | anti-BCA3 antibody

BCA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324138	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BCA3; Polyclonal Antibody; BCA3 Antibody; AKIP1; Breast cancer associated gene 3 protein; Chromosome 11 open reading frame 17; Koyt binding protein; PKA interacting protein; Proline rich protein BCA3; Protein kinase A interacting protein 1; anti-BCA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BCA3 antibody detects endogenous levels of total BCA3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	183
Applicable Applications for anti-BCA3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nuclear
Tissue Specificity	Expressed at high levels in adult heart and at lower levels in brain, testis, ovary and skeletal muscle. Up-regulated in some breast cancer cell lines. Isoform 1 and isoform 3 are expressed in fetal brain.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from rat lung, using BCA3 Antibody.



IHC (Immunohistochemistry)

AAA324138 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324138 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using BCA3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BCA3 antibody

Function: Enhances NF-kappa-B transcriptional activity by regulating the nuclear localization of the NF-kappa-B subunit RELA and promoting the phosphorylation of RELA by PRKACA. Regulates the effect of the cAMP-dependent protein kinase signaling pathway on the NF-kappa-B activation cascade.
Subunit Structure: Interacts with PRKACA and RELA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	331284155
NCBI GeneID	56672
NCBI Accession #	NP_001193575.1
NCBI GenBank Nucleotide #	NM_001206646.1
UniProt Accession #	Q9NQ31; Q8NBS2; Q8TAC6; Q8TAD3; Q8TAE0
Molecular Weight	Observed: 26 kD Predicted: 24 kDa
NCBI Official Full Name	A-kinase-interacting protein 1 isoform b
NCBI Official Synonym Full Names	A-kinase interacting protein 1
NCBI Official Symbol	AKIP1
NCBI Official Synonym Symbols	BCA3; C11orf17
NCBI Protein Information	A-kinase-interacting protein 1
UniProt Protein Name	A-kinase-interacting protein 1
UniProt Gene Name	AKIP1
UniProt Synonym Gene Names	BCA3; C11orf17

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/bca3-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324138>