

Rabbit anti-Human BIN2 Polyclonal Antibody | anti-BIN2 antibody

BIN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323444	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

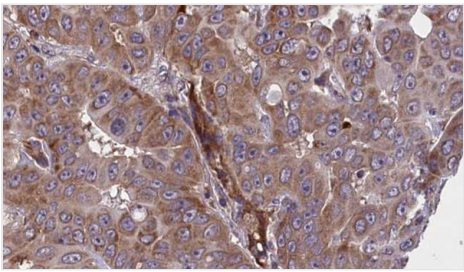
PRODUCT SYNONYMS

BIN2; Polyclonal Antibody; BIN2 Antibody; BIN2_HUMAN; BRAP 1; Breast cancer associated protein BRAP1; Breast cancer-associated protein 1; Bridging integrator 2; anti-BIN2 antibody

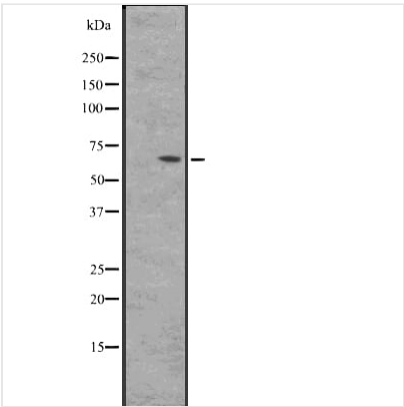
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BIN2 antibody detects endogenous levels of total BIN2
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	539
Applicable Applications for anti-BIN2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Detected in natural killer cells (at protein level). Highest level expression seen in spleen and peripheral blood leukocytes and is also expressed at high levels in thymus, colon and placenta, suggesting preferential expression in hematopoietic tissues.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323444 at 1/100 staining Human liver cancer 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.



WB (Western Blot)
Western blot analysis of BIN2 expression in HepG2 whole cell lysate. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BIN2 antibody	Function: Promotes cell motility and migration, probably via its interaction with the cell membrane and with podosome proteins that mediate interaction with the cytoskeleton. Modulates membrane curvature and mediates membrane tubulation. Plays a role in podosome formation. Inhibits phagocytosis. Subunit Structure: Homodimer. Interacts with BIN1. Interacts with ARHGEF6 (via SH3 domain), ARHGEF7 (via SH3 domain), SH3GL1, SH3GL2 and SH3GL3. Identified in a complex with ARHGEF6 and GIT2. Similarity: The BAR domain mediates dimerization and interaction with membranes enriched in phosphatidylinositides.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	586798140
NCBI GeneID	51411
NCBI Accession #	NP_001276936.1
NCBI GenBank Nucleotide #	NM_001290007.2
UniProt Accession #	Q9UBW5; Q86VV0; Q9NWK4; Q9UKN4; B7Z6F3; F5H0W4
Molecular Weight	Observed: 62 kDa Predicted: 62 kDa
NCBI Official Full Name	bridging integrator 2 isoform 2
NCBI Official Synonym Full Names	bridging integrator 2
NCBI Official Symbol	BIN2
NCBI Official Synonym Symbols	BRAP-1
NCBI Protein Information	bridging integrator 2
UniProt Protein Name	Bridging integrator 2
UniProt Gene Name	BIN2
UniProt Synonym Gene Names	BRAP1

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.