

Product datasheet for **TA303366**

BIN1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1,000. WB: 1-3µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SDNAPAKGNKSPS, from the internal region of the protein sequence according to NP_004296.1; NP_647593.1; NP_647594.1; NP_647595.1; NP_647596.1; NP_647597.1; NP_647598.1; NP_647599.1; NP_647600.1; NP_647601.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	bridging integrator 1
Database Link:	NP_004296 Entrez Gene 30948 Mouse Entrez Gene 117028 Rat Entrez Gene 483870 Dog Entrez Gene 274 Human O00499



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Background:

This gene encodes several isoforms of a nucleocytoplasmic adaptor protein, one of which was initially identified as a MYC-interacting protein with features of a tumor suppressor. Isoforms that are expressed in the central nervous system may be involved in synaptic vesicle endocytosis and may interact with dynamin, synaptojanin, endophilin, and clathrin. Isoforms that are expressed in muscle and ubiquitously expressed isoforms localize to the cytoplasm and nucleus and activate a caspase-independent apoptotic process. Studies in mouse suggest that this gene plays an important role in cardiac muscle development. Alternate splicing of the gene results in ten transcript variants encoding different isoforms. Aberrant splice variants expressed in tumor cell lines have also been described. [provided by RefSeq]

Synonyms:

AMPH2; AMPHL; SH3P9

Product images:

TA303366 (0.1ug/ml) staining of Human Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence