

## Goat anti-BIN1 Antibody

<b>Item Number</b>	dAP-1511
<b>Target Molecule</b>	Principle Name: BIN1; Official Symbol: BIN1 ; All Names and Symbols: BIN1; bridging integrator 1; AMPH2; AMPHL; DKFZp547F068; MGC10367; SH3P9; amphiphysin II; amphiphysin-like; box dependant MYC interacting protein 1; Accession Number (s): 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; Human Gene ID (s): 274; Non-Human GeneID(s): 30948 (mouse) 117028 (rat)
<b>Immunogen</b>	SDNAPAKGNKSPS, is from internal region This antibody is expected to recognise all ten reported isoforms (NP_647593.1, NP_647594.1, NP_647595.1, NP_647596.1, NP_647597.1, NP_647598.1, NP_647599.1, NP_004296.1, NP_647600.1, NP_647601.1)
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Experiments gave bands at approx 70kDa and 60kDa in Human Skeletal Muscle lysates after 0.1µg/ml antibody staining. These bands correspond to earlier findings in literature with different antibodies (Chang et al, Cancer Res. 2007 Jan 1;67(1
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ghaneie A, Zemba-Palko V, Itoh H, Itoh K, Sakamuro D, Nakamura S, Soler AP, Prendergast GC. Bin1 attenuation in breast cancer is correlated to nodal metastasis and reduced survival. Cancer Biol Ther. 2007 Feb;6(2):192-4. Epub 2007 Feb 7..PMID: 17218774 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**