

Goat anti-BAG3 / BIS/ CAIR1 Antibody

Item Number	dAP-0255
Target Molecule	Principle Name: BAG3 / BIS/ CAIR1; Official Symbol: BAG3; All Names and Symbols: BAG3; BCL2-associated athanogene 3; BIS; BAG-3; CAIR-1; MGC104307; DKFZp434E0610; Bcl-2-binding protein; docking protein CAIR-1; BCL2-binding athanogene 3; BAG-family molecular chaperone regulator-3; Accession Number (s): NP_004272.2; Human Gene ID(s): 9531; Non-Human GeneID(s):
Immunogen	SSMTDTPGNPAAP, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 85kDa band observed in Human Skeletal Muscle lysates (calculated MW of 61.6kDa according to NP_004272.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Iwasaki et al, Cancer Re
IHC	Immunohistochemistry: Paraffin embedded Human Placenta, Skeletal Muscle and Heart. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Doong H, Price J, Kim YS, Gasbarre C, Probst J, Liotta LA, Blanchette J, Rizzo K, Kohn E. CAIR-1/BAG-3 forms an EGF-regulated ternary complex with phospholipase C-gamma and Hsp70/Hsc70. Oncogene. 2000 Sep 7;19(38):4385-95..PMID: 10980614->

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**