

## Goat anti-BAG5 (N Terminus) Antibody

Item Number	dAP-0453
Target Molecule	Principle Name: BAG5 (N Terminus); Official Symbol: BAG5; All Names and Symbols: BAG5; BCL2-associated athanogene 5; BAG-5; KIAA0873; BAG-family molecular chaperone regulator-5; Accession Number (s): NP_001015049.1; NP_004864.1; NP_001015048.1; Human Gene ID(s): 9529; Non-Human GenelD(s):
Immunogen	DMGNQHPSISRLQ, is from N Terminus Variants (NP_004864.1; NP_001015048.1) encode the same isoform.
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 64000.
Western Blot	Western Blot: Approx 55+48kDa bands observed in nuclear lysates of cell line HeLa (calculated MW of 56.0kDa according to NP_001015049.1 and of 51.2kDa according to NP_004864.1; NP_001015048.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Takayama S, Xie Z, Reed JC. An evolutionarily conserved family of Hsp70/Hsc70 molecular chaperone regulators. <i>J Biol Chem.</i> 1999 Jan 8;274(2):781-6.. PMID: 9873016->

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**