

## Goat anti-BAG3 Antibody

Item Number	dAP-2979
Target Molecule	Principle Name: BAG3; Official Symbol: BAG3; All Names and Symbols: BAG3; BCL2-associated athanogene 3 ; BAG-3; BIS; CAIR-1; MGC104307; BAG-family molecular chaperone regulator-3; BCL2-binding athanogene 3; Bcl-2-binding protein; docking protein CAIR-1; Accession Number (s): NP_004272.2; Human Gene ID(s): 9531; Non-Human GeneID(s):
Immunogen	KNAGNAEDPHTE, is from internal region
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 16000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Pancreas lysates (calculated MW of 61.6kDa according to NP_004272.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.
Reference	Reference(s): Homma S, Iwasaki M, Shelton GD, Engvall E, Reed JC, Takayama S. BAG3 deficiency results in fulminant myopathy and early lethality. Am J Pathol. 2006 Sep;169(3):761-73.. PMID: 16936253 ->

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 end users! This product is sold for **Research Use Only**