

Goat anti-BAT3 / BAG6 Antibody

Item Number dAP-1682

Target Molecule Principle Name: BAT3 / BAG6; Official Symbol: BAT3; All Names and Symbols: BAT3; HLA-B associated transcript 3; BAG-6; BAG6; D6S52E; G3; HLA-B associated transcript-3; large proline-rich protein BAT3; scythe; Accession Number (s): NP_004630.3; NP_542433.1; Human Gene ID(s): 7917; Non-Human Gene-ID(s): 224727 (mouse) 94342 (rat)

Immunogen PETNAPNHPSPAELY, is from internal region
 This antibody is expected to recognize both reported isoforms (NP_004630.3; NP_542433.1). Reported variants representing identical protein: NP_542434.1, NP_001092004.1, NP_542433.1 (isoform b).

Applications Pep ELISA, 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 128000.

Western Blot Western Blot: Preliminary experiments in Human Brain (Frontal Cortex) and Human Ovary lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any result

IHC Immunohistochemistry: In paraffin embedded Human Spleen shows nucleoli staining in splenocytes. Recommended concentration, 3-5µg/ml.

Reference Reference(s): Annunziata CM, Kleinberg L, Davidson B, Berner A, Gius D, Tchabo N, Steinberg SM, Kohn EC. BAG-4/SODD and associated antiapoptotic proteins are linked to aggressiveness of epithelial ovarian cancer. Clin Cancer Res. 2007 Nov 15;13(22 Pt 1):6585-92..PMID: 18006758->

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**