ARG64803
anti-BAT3 / BAG6 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BAT3 / BAG6
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P
Specificity	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).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BAT3 / BAG6
Species	Human
Immunogen	C-PETNAPNHPSPAEY
Conjugation	Un-conjugated
Alternate Names	BAG-6; G3; BAG6; Protein G3; BCL2-associated athanogene 6; Protein Scythe; BAT3; HLA-B-associated transcript 3; BAG family molecular chaperone regulator 6; D6S52E; Large proline-rich protein BAG6

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 5 µg/ml

Application Note: IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

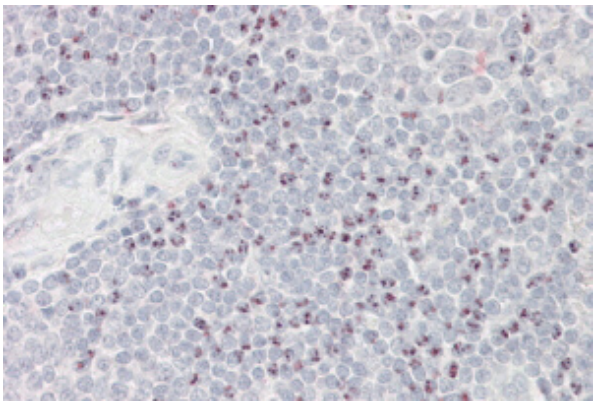
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 7917 Human Swiss-port # P46379 Human
Background	This gene was first characterized as part of a cluster of genes located within the human major histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody
Calculated Mw	119 kDa
PTM	Ricin can induce a cleavage by the caspase CASP3. The released C-terminal peptide induces apoptosis. (Microbial infection) In case of infection by L.pneumophila, ubiquitinated by the SCF(LegU1) complex.

Images



ARG64803 anti-BAT3 / BAG6 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64803 anti-BAT3 antibody at 3.8 µg/ml dilution followed by AP-staining.