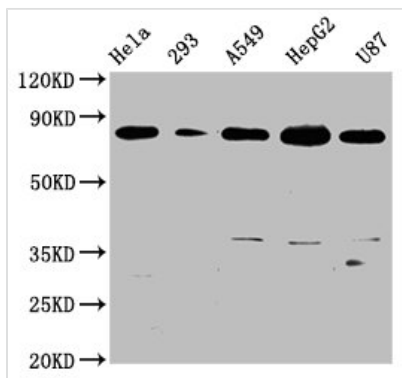




BAG3 Recombinant Monoclonal Antibody

Product Code	CSB-RA002531A0HU
Abbreviation	BAG family molecular chaperone regulator 3
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O95817
Immunogen	A synthesized peptide derived from human BAG3
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200
Relevance	Co-chaperone for HSP70 and HSC70 chaperone proteins. Acts as a nucleotide-exchange factor (NEF) promoting the release of ADP from the HSP70 and HSC70 proteins thereby triggering client/substrate protein release. Nucleotide release is mediated via its binding to the nucleotide-binding domain (NBD) of HSPA8/HSC70 where as the substrate release is mediated via its binding to the substrate-binding domain (SBD) of HSPA8/HSC70 (PubMed:9873016, PubMed:27474739). Has anti-apoptotic activity (PubMed:10597216). Plays a role in the HSF1 nucleocytoplasmic transport (PubMed:26159920).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	BAG family molecular chaperone regulator 3, BAG-3, Bcl-2-associated athanogene 3, Bcl-2-binding protein Bis, Docking protein CAIR-1, BAG3, BIS
Immunogen Species	Homo sapiens (Human)
Research Area	Cell Biology
Target Names	BAG3
Clone No.	3D8
Image	



Western Blot

Positive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate, U87 whole cell lysate

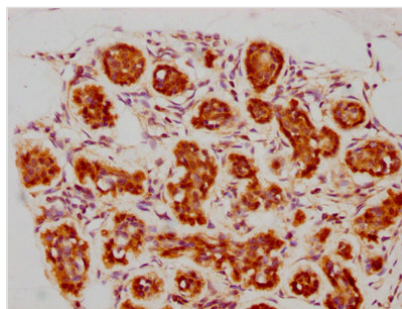
All lanes: BAG3 antibody at 0.73µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 62 KDa

Observed band size: 80 KDa



IHC image of CSB-RA002531A0HU diluted at 1:73.75 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4? overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.