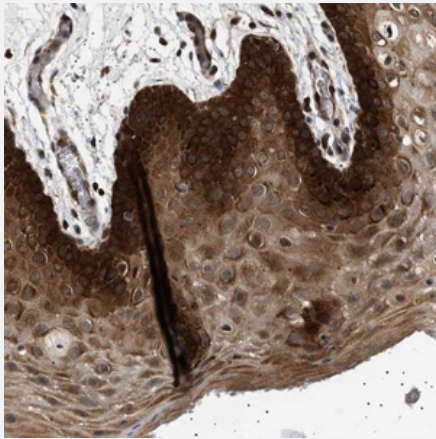


BAG3 polyclonal antibody

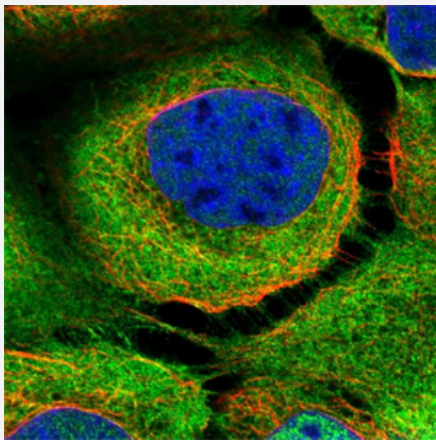
Catalog # PAB30546 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human oral mucosa with BAG3 polyclonal antibody (Cat # PAB30546) shows strong positivity in squamous epithelial cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with BAG3 polyclonal antibody (Cat # PAB30546) shows positivity in plasma membrane and cytoplasm. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human BAG3.
Immunogen	Recombinant protein corresponding to human BAG3.
Sequence	DSVDPEGRADVRRQARRDGVRRKVQTILEKLEQKAIDVPGQVQVYELQPSNLEADQPLQAIMEMGA VAADKGKKNAGNAEDPHTETQQPEATAAATSNPSSMTDTPGNPAAP

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — BAG3

Entrez GeneID	9531
Protein Accession#	O95817
Gene Name	BAG3
Gene Alias	BAG-3, BIS, CAIR-1, MGC104307
Gene Description	BCL2-associated athanogene 3
Omim ID	603883
Gene Ontology	Hyperlink

Gene Summary

BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq]

Other Designations

BAG-family molecular chaperone regulator-3|BCL2-binding athanogene 3|Bcl-2-binding protein|OTTHUMP00000020599|docking protein CAIR-1

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
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