

## Datasheet: VPA00114

<b>Description:</b>	GOAT ANTI BAG3
<b>Specificity:</b>	BAG3
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Goat polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5 % BSA
<b>Immunogen</b>	Peptide with the sequence C-SSMTDTPGNPAAP, from the C terminus of the protein sequence.

#### External Database Links

##### UniProt:

[O95817](#)

[Related reagents](#)

**Entrez Gene:**

[9531](#) BAG3 [Related reagents](#)

**Synonyms**

BIS

**Specificity**

**Goat anti Human BAG3 antibody** recognizes the BAG family molecular chaperone regulator 3 (BAG3), also known as Bcl-2-associated athanogene 3, Bcl-2-binding protein Bis and docking protein CAIR-1.

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. BAG3 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, Jul 2008).

Goat anti Human BAG3 antibody detects a band of 85 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti BAG3 detects a band of approximately 85 kDa in MCF7 cell lysates.

**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

**Guarantee**

12 months from date of despatch

**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety Information**

Material Safety Datasheet documentation #10058 available at:  
Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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