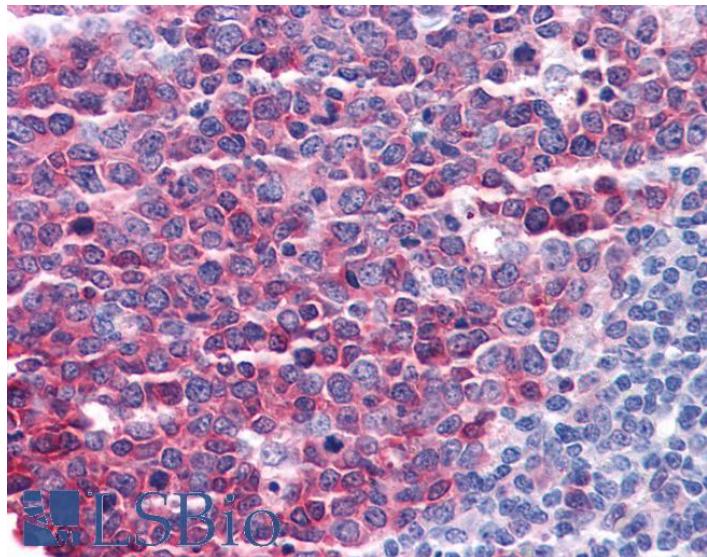


# GOAT ANTI-STMN1 / STATHMIN 1 ANTIBODY

**SKU:** EB07115



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage** Aliquot and store at -20°C. Minimize freezing and thawing.  
**Instructions**

**Synonym /**

stathmin 1 variant|stathmin 1|prosolin|phosphoprotein 19|oncoprotein 18|metablastin|leukemia-associated phosphoprotein p18|Pr22 protein|SMN|PR22|PP19|PP17|OP18|Lag|LAP18|stathmin 1/oncoprotein 18|STMN1

**Names**

Usage <strong>ELISA:</strong> This antibody has been successfully used in ELISA as described in the following paper:

**Summary** Song et al, Aging Cell. 2010 Aug;9(4):607-15; PMID: 20560902.

**Accession ID**

NP\_005554.1; NP\_981944.1; NP\_981946.1

**Blocking Peptide**

EBP07115

**Immunogen** Peptide with sequence C-KNKE SKDPA D E T E A D, from the C Terminus of the protein sequence according to NP\_005554.1; NP\_981944.1; NP\_981946.1.

**Product** This antibody is expected to cross-react with isoform 1 a (NP\_005554.1; NP\_981944.1; NP\_981946.1) only. The **Comments** three reported isoforms (NP\_005554.1, NP\_981944.1 and NP\_981946.1) represent identical protein.

**Peptide Sequence**

C-KNKE SKDPA D E T E A D

<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using
<b>Method</b>	the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	3925
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Thymus and Tonsil. Recommended concentration: 3.75µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:1000.
<b>Western Blot</b>	Approx 17kDa band observed in Human Testis and Mouse Brain lysates (calculated MW of 17.3kDa according to NP_005554.1, NP_981944.1 and NP_981946.1). Recommended concentration: 1-3µg/ml.
<b>Application Type</b>	Pep-ELISA, WB, EIA, IHC

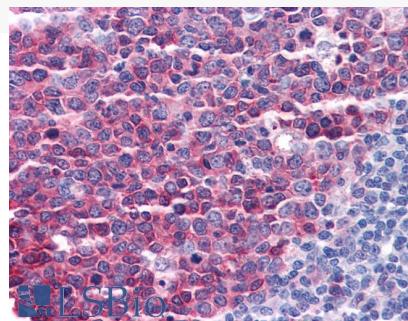
## SELECTED REFERENCES

[{"pmid": 22323746, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Chitinase enzyme activity in CSF is a powerful\r\nbiomarker of Alzheimer disease.", "author": "Watabe-Rudolph M, Song Z, Lausser L, Schnack C, Begus-Nahrmann Y, Scheithauer MO, Rettinger G, Otto M, Tumani H, Thal DR, Attems J, Jellinger KA, Kestler HA, von Arnim CA, Rudolph KL.", "journal": "Neurology. 2012 Feb 21;78(8):569-77."}, {"pmid": 20560902, "intro": "**This antibody has been successfully used in ELISA:**", "title": "Lifestyle impacts on the aging-associated expression of biomarkers of DNA damage and telomere dysfunction in human blood.", "author": "Song Z, von Figura G, Liu Y, Kraus JM, Torrice C, Dillon P, Rudolph-Watabe M, Ju Z, Kestler HA, Sanoff H, Lenhard Rudolph K.", "journal": "Aging Cell. 2010 Aug;9(4):607-15."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES



250kDa  
150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

10kDa

