

# GOAT ANTI-STAP2 / BKS ANTIBODY

**SKU:** EB05127

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	signal transducing adaptor family member 2 signal-transducing adaptor protein-2 brk kinase substrate breast tumor kinase substrate FLJ20234 STAP-2 BKS STAP2
<b>Accession ID</b>	NP_060190.2; NP_001013863.1
<b>Blocking Peptide</b>	EBP05127
<b>Immunogen</b>	Peptide with sequence C-ELQKKLEKRRALEH, from the C Terminus of the protein sequence according to NP_060190.2; NP_001013863.1.
<b>Product Comments</b>	This antibody is expected to recognise isoforms 1 (NP_060190.2) and isoform 2 (NP_001013863.1).
<b>Peptide Sequence</b>	C-ELQKKLEKRRALEH
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	55620
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:128000.
<b>Western Blot</b>	Approx 48kDa band observed in Human Heart lysates and 45kDa band observed in Human Breast Lysates (calculated MW of 49.6kDa according to NP_060190 and of NP_001013863.1). Recommended concentration: 0.5-1.5µg/ml.
<b>Application Type</b>	Pep-ELISA, WB

## SELECTED REFERENCES

[{"pmid": 19393627, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "STAP-2 is phosphorylated at tyrosine-250 by Brk and modulates Brk-mediated STAT3 activation.", "author": "Ikeda O, Miyasaka Y, Sekine Y, Mizushima A, Muromoto R, Nanbo A, Yoshimura A, Matsuda T.", "journal": "Biochem Biophys Res Commun. 2009 Jun 19;384(1):71-5."}, {"pmid": 19933863, "intro": "**This antibody (previous batch) has been successfully used in WB and IF on Human:**", "title": "Signal-transducing adaptor protein-2 regulates stromal cell-derived factor-1 alpha-induced chemotaxis in T cells.", "author": "Sekine Y, Ikeda O, Tsuji S, Yamamoto C, Muromoto R, Nanbo A, Oritani K, Yoshimura A, Matsuda T.", "journal": "J Immunol. 2009 Dec 15;183(12):7966-74."}, {"pmid": 21205088, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Involvement of STAP-2 in Brk-mediated phosphorylation and activation of STAT5 in breast cancer cells.", "author": "Ikeda O, Mizushima A, Sekine Y, Yamamoto C, Muromoto R, Nanbo A, Oritani K, Yoshimura A, Matsuda T.", "journal": "Cancer Sci. 2011 Apr;102(4):756-61."}, {"pmid": 20929863, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Interactions of STAP-2 with Brk and STAT3 participate in cell growth of human breast cancer cells.", "author": "Ikeda O, Sekine Y, Mizushima A, Nakasuji M, Miyasaka Y, Yamamoto C, Muromoto R, Nanbo A, Oritani K, Yoshimura A, Matsuda T.", "journal": "J Biol Chem. 2010 Dec 3;285(49):38093-103."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

