

GOAT ANTI-STAP2 / BKS ANTIBODY

SKU: EB05127

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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

Synonym /

Alias signal transducing adaptor family member 2|signal-transducing adaptor protein-2|brk kinase substrate|breast tumor kinase substrate|FLJ20234|STAP-2|BKS|STAP2

Names

Accession ID NP_060190.2; NP_001013863.1

Blocking Peptide EBP05127

Immunogen Peptide with sequence C-ELQKKLEKRRRALEH, from the C Terminus of the protein sequence according to NP_060190.2; NP_001013863.1.

Product Comments This antibody is expected to recognise isoforms 1 (NP_060190.2) and isoform 2 (NP_001013863.1).

Peptide Sequence C-ELQKKLEKRRRALEH

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human

Reactive Species Human

Human Gene ID 55620

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

ELISA

Detection Limit Antibody detection limit dilution 1:128000.

Western Blot 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.

Application Type 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

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