

Product Datasheet

STAP2 Antibody NB300-987

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 5

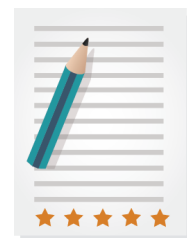
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NB300-987

STAP2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

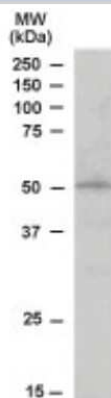
Product Description	
Description	Novus Biologicals Goat STAP2 Antibody (NB300-987) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-STAP2 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	55620
Gene Symbol	STAP2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoforms 1 (NP_060190.2) and isoform 2 (NP_001013863.1).
Immunogen	Peptide with sequence C-ELQKKLEKRRALEH corresponding to C-Terminus according to NP_060190.2, NP_001013863.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.05 - 0.3 ug/ml, Immunohistochemistry 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 48 kDa band observed in human heart lysates (calculated MW of 49.6 kDa band according to NP_060190.2). IHC-P: Human brain (cortex) shows textured cytoplasm staining in neuronal bodies and processes.

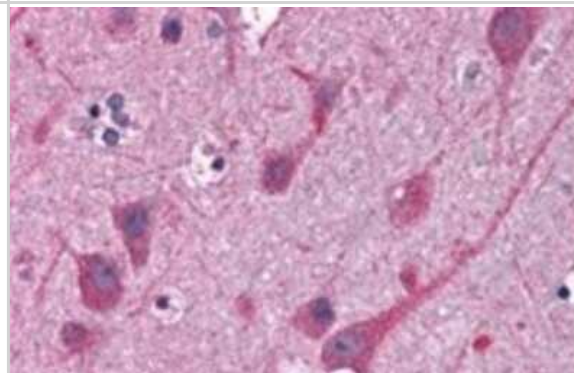


Images

Western Blot: STAP2 Antibody [NB300-987] - NB300-987 (0.03ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: STAP2 Antibody [NB300-987] - (3.8ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: STAP2 Antibody [NB300-987] - (0.03ug/ml) staining of human heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Minoguchi M, Minoguchi S, Aki D et al. STAP-2/BKS, an adaptor/docking protein, modulates STAT3 activation in acute-phase response through its YXXQ motif. *J Biol Chem* 2003-03-28 [PMID: 12540842]

Ikeda O, Mizushima A, Sekine Y, Yamamoto C, Muromoto R, Nanbo A, Oritani K, Yoshimura A, Matsuda T. Involvement of STAP-2 in Brk-mediated phosphorylation and activation of STAT5 in breast cancer cells. *Cancer Sci*;102(4):756-61. 2011-04-01 [PMID: 21205088]

Ikeda O, Sekine Y, Mizushima A, Nakasuji M, Miyasaka Y, Yamamoto C, Muromoto R, Nanbo A, Oritani K, Yoshimura A, Matsuda T. *J Biol Chem*;285(49):38093-103. 2010-12-03 [PMID: 20929863]

Sekine Y, Ikeda O, Tsuji S et al. Signal-transducing adaptor protein-2 regulates stromal cell-derived factor-1 alpha-induced chemotaxis in T cells *J Immunol* 2009-12-15 [PMID: 19933863]

Ikeda O, Miyasaka Y, Sekine Y, Mizushima A, Muromoto R, Nanbo A, Yoshimura A, Matsuda T. STAP-2 is phosphorylated at tyrosine-250 by Brk and modulates Brk-mediated STAT3 activation. *Biochem Biophys Res Commun*;384(1):71-5. 2009-06-19 [PMID: 19393627]



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Products Related to NB300-987

NBL1-16515	STAP2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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