

Product Datasheet

SH3BP5 Antibody (2B3)

H00009467-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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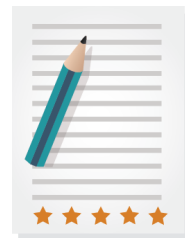
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H00009467-M01

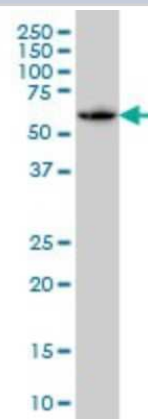
SH3BP5 Antibody (2B3)

Product Information	
Unit Size	0.1 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2B3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	9467
Gene Symbol	SH3BP5
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:25617893).
Specificity/Sensitivity	SH3BP5 - SH3-domain binding protein 5 (BTK-associated)
Immunogen	SH3BP5 (NP_004835, 4 a.a. ~ 112 a.a) partial recombinant protein with GST tag.GLEEEEEVDPRIQGELEKLNQSTDDINRRETELEDARQKFRSVLVEATVKLDELVKKIGKAVEDSKPYWEARRVARQAQLEAQKATQDFQRATEVLRAAKETISLAEQR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA. Immunoprecipitation was reported in scientific literature.

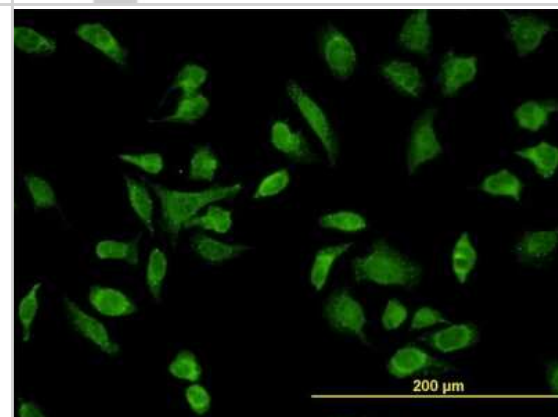


Images

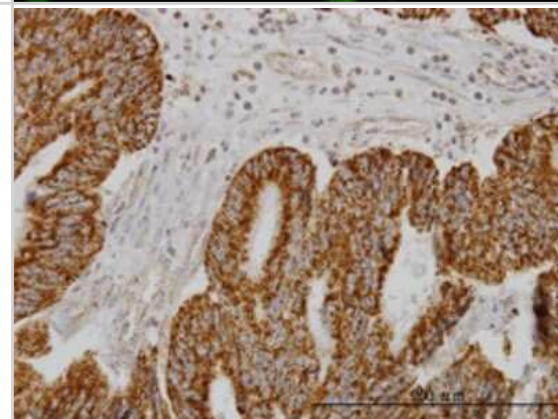
Western Blot: SH3BP5 Antibody (2B3) [H00009467-M01] - SH3BP5 monoclonal antibody (M01), clone 2B3 Analysis of SH3BP5 expression in A-431.



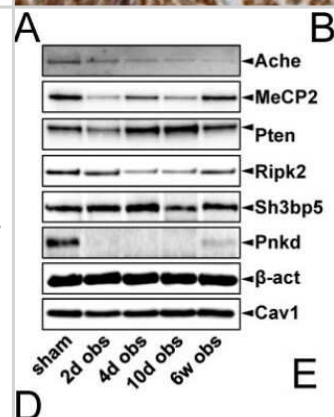
Immunocytochemistry/Immunofluorescence: SH3BP5 Antibody (2B3) [H00009467-M01] - Analysis of monoclonal antibody to SH3BP5 on HeLa cell. Antibody concentration 10 ug/ml.



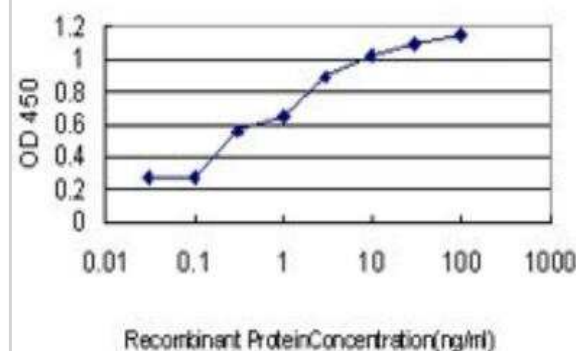
Immunohistochemistry-Paraffin: SH3BP5 Antibody (2B3) [H00009467-M01] - Analysis of monoclonal antibody to SH3BP5 on formalin-fixed paraffin-embedded human colon adenocarcinoma. Antibody concentration 1 ug/ml.



Western Blot: SH3BP5 Antibody (2B3) [H00009467-M01] - Reduced levels of the miR-132/212 targets Ache, MeCP2 and Pnkd in the bladder following outlet obstruction. Validated targets of miR-132/212 (including SH3BP5) were examined at the protein level using western blotting at various times after surgical obstruction of the urethra. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0116784>) licensed under a CC-BY license.



ELISA: SH3BP5 Antibody (2B3) [H00009467-M01] - Detection limit for recombinant GST tagged SH3BP5 is approximately 0.03ng/ml as a capture antibody.



Publications

Karbalaei M, Ekman M, Krawczyk K et al. Detrusor Induction of miR-132/212 following Bladder Outlet Obstruction: Association with MeCP2 Repression and Cell Viability PLoS One. 2015-01-24 [PMID: 25617893] (IF/IHC, Human, Mouse, Rat)

Chu Q, Zhang Y, Zhong S, et al. N-n-Butyl Haloperidol Iodide Ameliorates Oxidative Stress in Mitochondria Induced by Hypoxia/Reoxygenation through the Mitochondrial c-Jun N-Terminal Kinase/Sab/Src/Reactive Oxygen Species Pathway in H9c2 Cells Oxidative Medicine and Cellular Longevity 2019-05-08 [PMID: 31205589] (WB, Rat)

Paudel I, Hernandez SM, Portalatin GM et al. Sab Concentrations Indicate Chemotherapeutic Susceptibility in Ovarian Cancer Cell Lines. Biochem. J. 2018-10-15 [PMID: 30322886] (WB, Human)

Chambers TP, Santiesteban L, Gomez D, Chambers JW. Sab mediates mitochondrial dysfunction involved in imatinib mesylate-induced cardiotoxicity. Toxicology. 2017-03-16 [PMID: 28315715]

Win S, Than TA, Fernandez-Checa JC, Kaplowitz N. JNK interaction with Sab mediates ER stress induced inhibition of mitochondrial respiration and cell death. Cell Death Dis. 2014-01-09 [PMID: 24407242]

Chambers TP, Portalatin GM, Paudel I et al. Sub-chronic administration of LY294002 sensitizes cervical cancer cells to chemotherapy by enhancing mitochondrial JNK signaling Biochem. Biophys. Res. Commun. 2015-05-30 [PMID: 26032505] (WB, Human)

Chambers JW, Pachori A, Howard S et al. Inhibition of JNK Mitochondrial Localization and Signaling is Protective Against Ischemia-Reperfusion Injury in Rats J Biol Chem 2012-12-20 [PMID: 23258542] (IP, ICC/IF, WB, Human, Rat)

Chambers JW, Howard S, Lograsso PV. Blocking c-Jun N-terminal Kinase (JNK) Translocation to the Mitochondria Prevents 6-Hydroxydopamine-induced Toxicity in Vitro and in Vivo J Biol Chem 2013-01-11 [PMID: 23184940] (WB, ICC/IF, Human)

Chambers JW, Lograsso PV. Mitochondrial c-jun-N-terminal kinase (JNK) signaling initiates physiological changes resulting in amplification of reactive oxygen species generation. J Biol Chem. 2011-03-16 [PMID: 21454558]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

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