Product Datasheet

STI1 Antibody (4B6) - Azide and BSA Free
H00010963-M01

Unit Size: 0.1 mg

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

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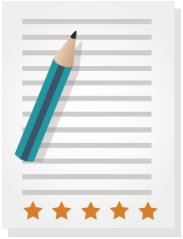


H00010963-M01

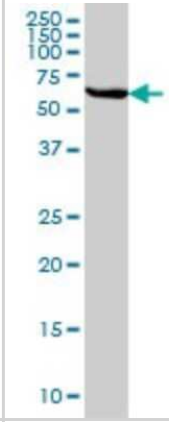
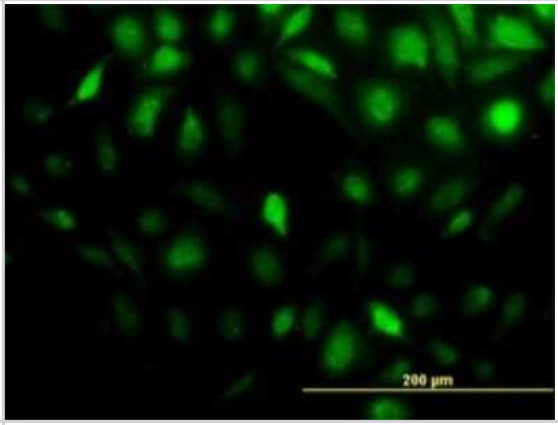
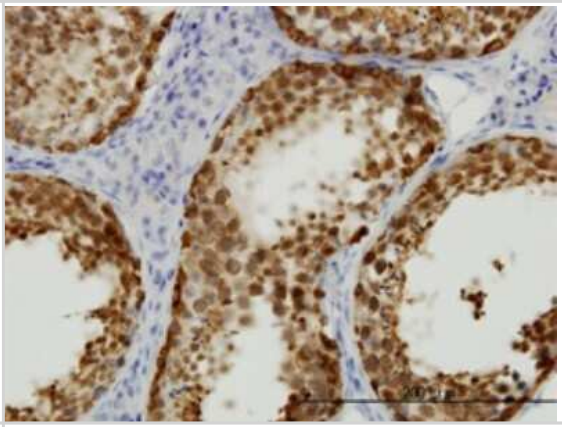
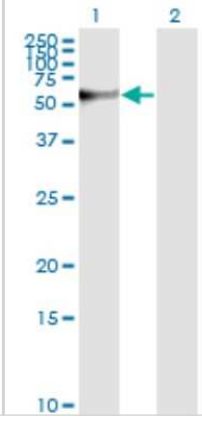
STI1 Antibody (4B6) - Azide and BSA Free

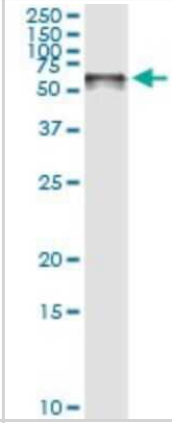
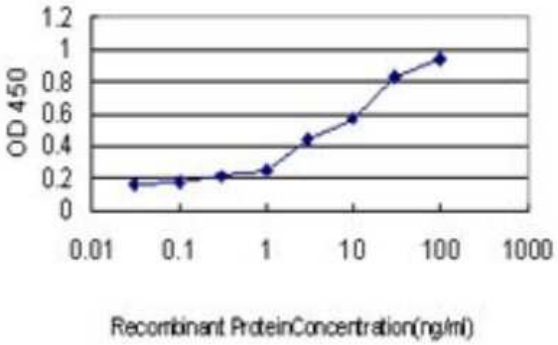
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	10963
Gene Symbol	STIP1
Species	Human, Mouse
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	STIP1 - stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)
Immunogen	STIP1 (AAH02987.1, 1 a.a. ~ 543 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEQVNELKEKGNKALSVGNIDDALQCYSEAIKLDPHNHVLYSNRSAAYAKKGD YQKAYEDGCKTVDLKPDWGKGYSRKAAALEFLNRFEEAKRTYEEGLKHEANN PQLKEGLQNMEARLAERKFMNPFNMPNLYQKLESDPRTRTLLSDPTYRELIEQ LRNKPSDLGTKLQDPRIMTTLSVLLGVDLGSMDEEEEIATPPPPPPPKKETKPE PMEEDLPENKKQALKEKELGNDAYKKKDFDTALKHYDKAKELDPTNMTYITNQ AAVYFEKGDYNKCRELCEKAIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDA IHFYNKSLAEHRTPDVLKKCQQAEKILKEQERLAYINPDLALEEKNKGNECFQK GDYPQAMKHYTEAIKRNPKDAKLYSNRAACYTKLLEFQLALKDCEECIQLEPTFI KGYTRKAAALEAMKDYTKAMDVYQKALDLDSSCKEAADGYQRCMMAQYNRH DSPEDVKRRAMADPEVQQIMSDPAMRLILEQMQKDPQALSEHLKNPVIAQKIQ KLMDVGLIAIR
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, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluoresence, immunohistochemistry (paraffin), and ELISA.

Images

Western Blot: STI1 Antibody (4B6) [H00010963-M01] - STIP1 monoclonal antibody (M01), clone 4B6 Analysis of STIP1 expression in HeLa.	
Immunocytochemistry/Immunofluorescence: STI1 Antibody (4B6) [H00010963-M01] - Analysis of monoclonal antibody to STIP1 on HeLa cell. Antibody concentration 10 ug/ml.	
Immunohistochemistry-Paraffin: STI1 Antibody (4B6) [H00010963-M01] - Analysis of monoclonal antibody to STIP1 on formalin-fixed paraffin-embedded human testis. Antibody concentration 0.3 ug/ml.	
Western Blot: STI1 Antibody (4B6) [H00010963-M01] - Analysis of STIP1 expression in transfected 293T cell line by STIP1 monoclonal antibody (M01), clone 4B6.Lane 1: STIP1 transfected lysate(62.6 KDa).Lane 2: Non-transfected lysate.	

Immunoprecipitation: STI1 Antibody (4B6) [H00010963-M01] - Analysis of STIP1 transfected lysate using anti-STIP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with STIP1 MaxPab rabbit polyclonal antibody.	
Sandwich ELISA: STI1 Antibody (4B6) [H00010963-M01] - Detection limit for recombinant GST tagged STIP1 is approximately 0.1ng/ml as a capture antibody.	

Publications

Hiller H, Yang C, Beachy DE et al. Altered cellular localisation and expression, together with unconventional protein trafficking, of prion protein, PrPC, in type 1 diabetes Diabetologia 2021-07-17 [PMID: 34274990]

Ho J, Kong JW, Choong LY et al. Novel Breast Cancer Metastasis-Associated Proteins. J Proteome Res. 2008-12-16 [PMID: 19086899]

Wang TH, Chao A, Tsai CL et al. Stress-induced phosphoprotein 1 as a secreted biomarker for human ovarian cancer promotes cancer cell proliferation. Mol Cell Proteomics. 2010-05-25 [PMID: 20501939]

Gao Y, Yechikov S, Vazquez AE et al. Distinct roles of molecular chaperones HSP90alpha and HSP90beta in the biogenesis of KCNQ4 channels. PLoS One. 2013-01-01 [PMID: 23431407] (Human)

Nakamura M, Morisawa H, Imajoh-Ohmi S et al. Proteomic analysis of protein complexes in human SH-SY5Y neuroblastoma cells by using blue-native gel electrophoresis: An increase in lamin A/C associated with heat shock protein 90 in response to 6-hydroxydopamine-induced oxidative stress Exp Gerontol. Exp Gerontol. 2009-03-03 [PMID: 19264120]

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Products Related to H00010963-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-49685-0.1mg	Recombinant Human STI1 Protein

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