

Product Datasheet

SHIP2/INPPL1 Antibody (3E6) - Azide and BSA Free H00003636-M01

Unit Size: 0.1 mg

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

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H00003636-M01

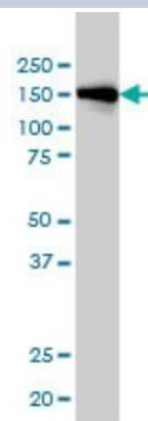
SHIP2/INPPL1 Antibody (3E6) - Azide and BSA Free

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	3E6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3636
Gene Symbol	INPPL1
Species	Human, Monkey
Specificity/Sensitivity	INPPL1 - inositol polyphosphate phosphatase-like 1
Immunogen	INPPL1 (NP_001558, 1159 a.a. ~ 1258 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PSDYGRPLSFPPPRIRESIQEDLAEEAPCLQGGRASGLGEAGMSAWLRAIGLE RYEEGLVHNGWDDLEFLSDITEEDLEEAGVQDPAHKRLLLDLTLQLSK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for ELISA. ICC/IF usage was reported in scientific literature.

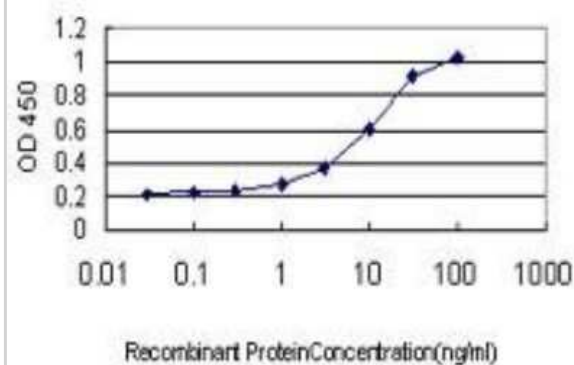


Images

Western Blot: SHIP2/INPPL1 Antibody (3E6) [H00003636-M01] - INPPL1 monoclonal antibody (M01), clone 3E6 Analysis of INPPL1 expression in HeLa.



ELISA: SHIP2/INPPL1 Antibody (3E6) [H00003636-M01] - SHIP2/INPPL1 Antibody (3E6) [H00003636-M01] - Detection limit for recombinant GST tagged INPPL1 is approximately 0.1ng/ml as a capture antibody.



Publications

Ando K, Küçükali F, Doeraene E et al. Alteration of gene expression and protein solubility of the PI 5-phosphatase SHIP2 are correlated with Alzheimer's disease pathology progression *Acta Neuropathol* 2024-06-04 [PMID: 38833073]

Antoine M, Vandenbroere I, Ghosh S et al. IRSp53 is a novel interactor of SHIP2: A role of the actin binding protein Mena in their cellular localization in breast cancer cells *Cell. Signal.* 2020-06-11 [PMID: 32535200] (ICC/IF, WB, Human)

Ramos AR, Ghosh S, Suhel T et al. Phosphoinositide 5-phosphatases SKIP and SHIP2 in ruffles, the endoplasmic reticulum and the nucleus: An update *Adv Biol Regul* 2019-10-07 [PMID: 31628071] (ICC/IF, Human)

Ramos AR, Ghosh S, Dedobbeleer M et al. Lipid phosphatases SKIP and SHIP2 regulate fibronectin-dependent cell migration in glioblastoma *FEBS J.* 2019-01-29 [PMID: 30695232] (ICC/IF, Human)

Ramos AR, Ghosh S, Erneux C. The impact of PI 5-phosphatases on phosphoinositides in cell function and human disease. *J. Lipid Res.* 2018-09-07 [PMID: 30194087] (ICC/IF, Human)

Chan Wah Hak L, Khan S, Di Meglio I et al. FBP17 and CIP4 recruit SHIP2 and lamellipodin to prime the plasma membrane for fast endophilin-mediated endocytosis. *Nat Cell Biol* 2018-07-30 [PMID: 30061681] (WB, ICC/IF, Human)

Edimo WE, Ramos AR, Ghosh S et al. The SHIP2 interactor Myo1c is required for cell migration in 1321 N1 glioblastoma cells. *Biochem. Biophys. Res. Commun.* 2016-05-28 [PMID: 27246739] (WB, ICC/IF, Human)

Edimo WE, Ghosh S, Derua R et al. SHIP2 controls plasma membrane PI(4,5)P2 thereby participating in the control of cell migration in 1321 N1 glioblastoma. *J. Cell. Sci.* 2016-01-29 [PMID: 26826186] (WB, Human)

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Elong Edimo W, Vanderwinden JM, Erneux C. SHIP2 signalling at the plasma membrane, in the nucleus and at focal contacts *Adv Biol Regul* 2012-09-13 [PMID: 23040614] (ICC/IF, Human)

McNulty S, Powell K, Erneux C, Kalman D. The Host Phosphoinositide 5-Phosphatase SHIP2 Regulates Dissemination of Vaccinia Virus. *J Virol*;85(14):7402-7410. 2011-07-01 [PMID: 21543482]





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003636-Q01-10ug	Recombinant Human SHIP2/INPPL1 GST (N-Term) Protein

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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