

Product Datasheet

PIP5K2B Antibody - Azide and BSA Free NBP1-44261

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-44261

PIP5K2B Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 50% (v/v) Glycerol

Product Description	
Description	<p>This antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	8396
Gene Symbol	PIP4K2B
Species	Human, Mouse, Rat, Chicken, Primate
Reactivity Notes	Cross-reactivity with PIP5K2B from other sources has not been determined
Immunogen	PIP5K2B Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminus of human PIP5K2B. (Uniprot: Q8TCG2)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.2 ug/ml, ELISA 1:20000-1:60000, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:500
Application Notes	This product is tested for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~54 kDa corresponding to the appropriate cell lysate or extract.



Images

Western Blot: PIP5K2B Antibody [NBP1-44261] - Lane 1: Mouse Brain homogenate samples. Load: 10 ug per lane. Primary antibody: PIP5K2B antibody at 0.2ug/mL for overnight at 4C. Secondary antibody: IRDye800 rabbit secondary antibody at 1:40,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 54 kDa for PIP5K2B. Other band(s): None.



Publications

Balla,A, Tuymetova,G, Barshishat,M, Geiszt,M Balla,T. Characterization of type II phosphatidylinositol 4-kinase isoforms reveals association of the enzymes with endosomal vesicular compartments, J. Biol Chem 277 (22), 20041-20050. 2002-01-01 [PMID: 11923287]

Wei YJ, Sun HQ, Yamamoto M, Wlodarski P, Kunii K, Martinez M, Barylko B, Albanesi JP, Yin HL. Type II phosphatidylinositol 4-kinase beta is a cytosolic and peripheral membrane protein that is recruited to the plasma membrane and activated by Rac-GTP. J Biol Chem;277(48):46586-93. 2002-11-29 [PMID: 12324459]



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Products Related to NBP1-44261

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23327	Recombinant Human PIP5K2B His 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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