

## Anti-Phospho-INPP5D-Tyr1021 antibody (960-1040) (STJ90494)

STJ90494

### GENERAL INFORMATION

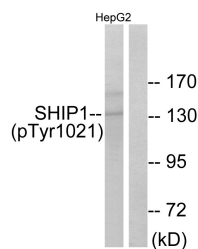
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Phosphatidylinositol 3-4-5-Trisphosphate 5-Phosphatase 1-Tyr1021 (960-1040) is suitable for use in Western Blot and ELISA research applications.
<b>Applications</b>	WB, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

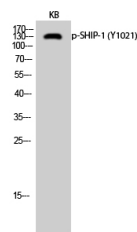
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	ELISA 1:40000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

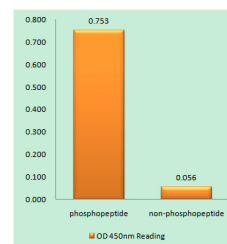
<b>Gene ID</b>	3635
<b>Gene Symbol</b>	INPP5D
<b>Uniprot ID</b>	SHIP1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SHIP1 around the phosphorylation site of Tyr1021 at amino acid range 987-1036
<b>Immunogen Region</b>	960-1040
<b>Specificity</b>	Phospho-INPP5D-Tyr1021 polyclonal antibody (Phosphatidylinositol 3-4-5-Trisphosphate 5-Phosphatase 1) binds to endogenous Phosphatidylinositol 3-4-5-Trisphosphate 5-Phosphatase 1 at the amino acid region 960-1040 only when phosphorylated at Tyr1021.
<b>Immunogen Sequence</b>	



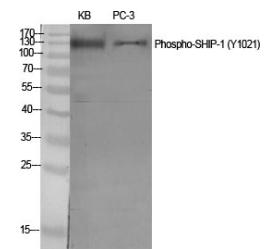
Western blot analysis of lysates from HepG2 cells treated with TNF 200NG/ML 30', using SHIP1 (Phospho-Tyr1021) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of KB cells using Phospho-SHIP-1 (Y1021) Polyclonal Antibody diluted at 1: 500



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using SHIP1 (Phospho-Tyr1021) Antibody



Western blot analysis of various cells using Phospho-SHIP-1 (Y1021) Polyclonal Antibody diluted at 1: 500

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
 St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081