SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IHPK3/IP6 Kinase antibody

Catalog Number: SL15580R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IHPK3/IP6 Kinase
Immunogen:	KLH conjugated synthetic peptide derived from human IHPK3: 1-100/410
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Pig, Cow, Horse, Rabbit)
Predicted MW.:	46kDa
Subcellular Location:	cytoplasmic
Background:	IHPK3 is a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein. **Function:** Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. **Subcellular Location:** Cytoplasm.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Detected in brain. **Similarity:** Belongs to the inositol phosphokinase (IPK) family. **Database links:** **Entrez Gene:** 117283 Human **Entrez Gene:** 271424 Mouse **Entrez Gene:** 688862 Rat Omim: 606993 Human **SwissProt:** Q96PC2 Human **SwissProt:** Q8BWD2 Mouse **Unigene:** 17253 Human **Unigene:** 209679 Mouse

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