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InsP6 Kinase 3 Polyclonal Antibody

Catalog # AP70539

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96PC2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46417

Additional Information

Gene ID	117283
Other Names	IP6K3; IHPK3; Inositol hexakisphosphate kinase 3; InsP6 kinase 3; Inositol hexaphosphate kinase 3
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

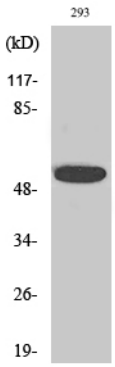
Protein Information

Name	IP6K3
Synonyms	IHPK3
Function	Kinase that converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5)(PubMed:11502751, PubMed:34381031). Regulates cellular phosphate export by binding to the SPX domain of the XPR1 phosphate transporter (PubMed:34381031).
Cellular Location	Cytoplasm.
Tissue Location	Detected in brain.

Background

Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.

Images



Western Blot analysis of various cells using InsP6 Kinase 3 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.