

InsP6 Kinase 3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04559
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IP6K3. AA range:201-250
Mol wt	46417
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	InsP6 Kinase 3 Antibody
Synonyms	IP6K3; IHPK3; Inositol hexakisphosphate kinase 3; InsP6 kinase 3; Inositol hexaphosphate kinase 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

IP6K3 encodes a protein that belongs to the inositol phosphokinase (IPK) family. Inositol hexakisphosphate kinase 3 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

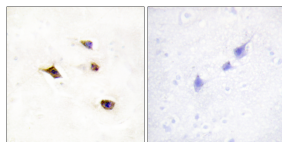
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

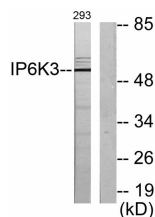
ELISA: 1: 20000

Not yet tested in other applications.

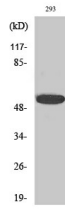
Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using IP6K3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using IP6K3 Antibody. The lane on the right is blocked with the synthesized peptide.



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

Storage

-20°C for one year

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