

Product Name: KD-Validated ITPK1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01782**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 45.6kDa

Antigen Information

Gene Name	ITPK1 ITPK1; Inositol-Tetrakisphosphate 1-Kinase; Inositol 1,3,4-Trisphosphate 5/6-Kinase;
Alternative Names	Ins(1,3,4)P(3) 5/6-Kinase; Inositol 1,3,4-Triphosphate 5/6 Kinase; Inositol-Triphosphate 5/6-Kinase; EC 2.7.1.134; EC 2.7.1.159; ITRPK1
Gene ID	3705.0
SwissProt ID	Q13572
Immunogen	A synthesized peptide derived from human ITPK1

Background

This gene encodes an enzyme that belongs to the inositol 1,3,4-trisphosphate 5/6-kinase family. This enzyme regulates the synthesis of inositol tetrakisphosphate, and downstream products, inositol pentakisphosphate and inositol hexakisphosphate.

Inositol metabolism plays a role in the development of the neural tube. Disruptions in this gene are thought to be associated with neural tube defects. A pseudogene of this gene has been identified on chromosome X. [provided by RefSeq, Jul 2016]

Research Area

Signal Transduction

Image Data

