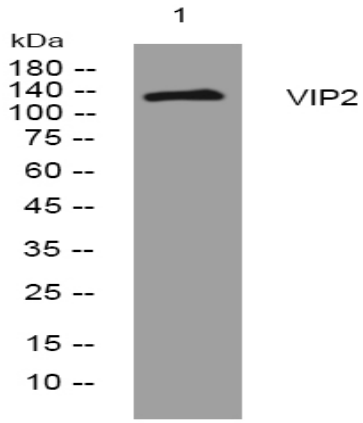
Best Tools for immunology Research

VIP2 rabbit pAb

Catalog No :	YT7345
Reactivity :	Human;Mouse
Applications :	WB
Target :	VIP2
Fields :	>>Phosphatidylinositol signaling system
Gene Name :	PPIP5K2 HISPPD1 KIAA0433 VIP2
Protein Name :	VIP2
Human Gene Id :	23262
Human Swiss Prot No :	O43314
Mouse Gene Id :	227399
Mouse Swiss Prot No :	Q6ZQB6
Immunogen :	Synthesized peptide derived from human VIP2 AA range: 266-316
Specificity :	This antibody detects endogenous levels of VIP2 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	137kD
Background :	This gene encodes a member of the histidine acid phosphatase family of proteins. Despite containing a histidine acid phosphatase domain, the encoded protein functions as an inositol pyrophosphate kinase, and is thought to lack phosphatase activity. This kinase activity is the mechanism by which the encoded protein synthesizes high-energy inositol pyrophosphates, which act as signaling molecules that regulate cellular homeostasis and other processes. This gene may be associated with autism spectrum disorder in human patients. [provided by RefSeq, Sep 2016],
Function :	catalytic activity:ATP + 1D-myo-inositol 1,3,4,5,6-pentakisphosphate = ADP + diphospho-1D-myo-inositol tetrakisphosphate (isomeric configuration unknown).,catalytic activity:ATP + 1D-myo-inositol 5-diphosphate pentakisphosphate = ADP + 1D-myo-inositol bisdiphosphate tetrakisphosphate (isomeric configuration unknown).,catalytic activity:ATP + 1D-myo-inositol hexakisphosphate = ADP + 5-diphospho-1D-myo-inositol (1,2,3,4,6)pentakisphosphate.,caution:Although related to histidine acid phosphatases, it lacks the conserved active sites, suggesting that it has no phosphatase activity.,function:Bifunctional inositol kinase that catalyzes the formation of diphosphoinositol pentakisphosphate (InsP7 or PP-InsP5) and bis-diphosphoinositol tetrakisphosphate (InsP8 or PP2-InsP4). Converts inositolitol hexakisphosphate (InsP6) to InsP7. Also able to convert InsP7 to InsP8. Probably specifically mediates
Subcellular Location :	Cytoplasm, cytosol .
Sort :	24172
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night