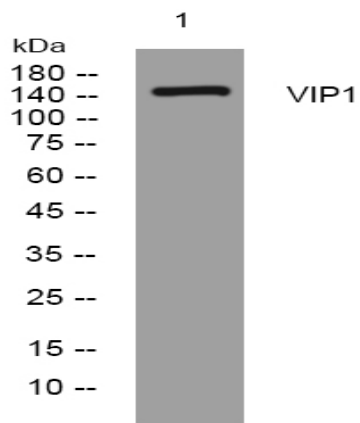


VIP1 rabbit pAb

Catalog No :	YT6569
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	VIP1
Fields :	>>Phosphatidylinositol signaling system
Gene Name :	PPIP5K1 HISPPD2A IP6K IPS1 KIAA0377 VIP1
Protein Name :	VIP1
Human Gene Id :	9677
Human Swiss Prot No :	Q6PFW1
Mouse Gene Id :	327655
Mouse Swiss Prot No :	A2ARP1
Rat Swiss Prot No :	P0C644
Immunogen :	Synthesized peptide derived from human VIP1 AA range: 1350-1400
Specificity :	This antibody detects endogenous levels of VIP1 at Human/Mouse/Rat
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 :	158kD
Background :	<p>This gene encodes a dual functional inositol kinase. The encoded enzyme converts inositol hexakisphosphate to diphosphoinositol pentakisphosphate and diphosphoinositol pentakisphosphate to bis-diphosphoinositol tetrakisphosphate. This protein may be important for intracellular signaling pathways. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 15.[provided by RefSeq, Jun 2010],</p>
Function :	<p>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 bi-diphosphoinositol tetrakisphosphate (InsP8 or PP2-InsP4). Converts inositol hexakisphosphate (InsP6) to InsP7. Also able to convert InsP7 to InsP8. Probably specifically mediates</p>
Subcellular Location :	Cytoplasm, cytosol . Cell membrane . Relocalizes to the plasma membrane upon activation of the PtdIns 3-kinase pathway. .
Expression :	Widely expressed, with a higher expression in skeletal muscle, heart and brain.
Sort :	24171
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night