



PI3 Kinase Class III (phospho-Ser249) rabbit pAb

Cat No.:ES14121

For research use only

Overview

Product Name	PI3 Kinase Class III (phospho-Ser249) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	Synthesized phospho peptide around human PI3 Kinase Class III (Ser249)
Specificity	This antibody detects endogenous levels of Human PI3 Kinase Class III (phospho-Ser249)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PI3 Kinase Class III (Ser249)
Gene Name	PIK3C3 VPS34
Cellular localization	Midbody . Late endosome . Cytoplasmic vesicle, autophagosome . As component of the PI3K complex I localized to pre-autophagosome structures. As component of the PI3K complex II localized predominantly to endosomes (PubMed:14617358). Localizes also to disc
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	5289
Human Swiss-Prot Number	Q8NEB9
Alternative Names	Phosphatidylinositol 3-kinase catalytic subunit type 3 (PI3-kinase type 3) (PI3K type 3) (PtdIns-3-kinase type 3) (EC 2.7.1.137) (Phosphatidylinositol 3-kinase p100 subunit) (Phosphoinositide-3-kinase class 3)

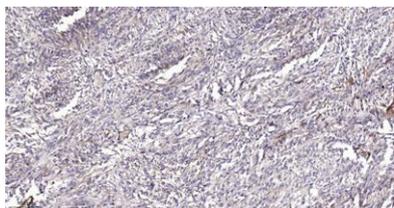




(hVps34)

Background

Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot analysis of 1 Jurkat treated with LPS, 2 Jurkat ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

