

PIP4K2A Antibody

Catalog No: #36235

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Description

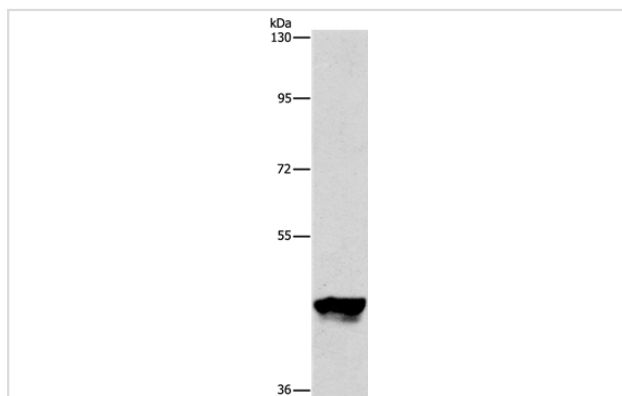
Product Name	PIP4K2A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PIP4K2A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human phosphatidylinositol-5-phosphate 4-kinase, type II, alpha
Target Name	PIP4K2A
Other Names	PIPK; PI5P4KA; PIP5K2A; PIP5KIIA; PIP5KII-alpha
Accession No.	Swiss-Prot#: P48426NCBI Gene ID: 5305Gene Accssion: BC018034
Uniprot	P48426
GeneID	5305;
SDS-PAGE MW	46kd
Concentration	1.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

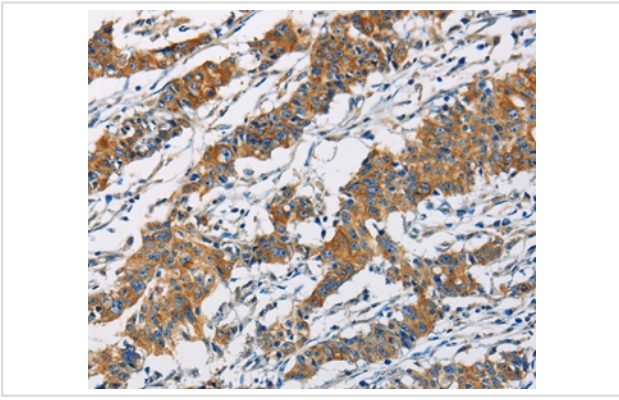
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE
Lysate: 40ug K562 cell
Primary antibody: 1/950 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36235 at dilution 1/40.

Background

Phosphatidylinositol-5,4-bisphosphate, the precursor to second messengers of the phosphoinositide signal transduction pathways, is thought to be involved in the regulation of secretion, cell proliferation, differentiation, and motility. The protein encoded by this gene is one of a family of enzymes capable of catalyzing the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. The amino acid sequence of this enzyme does not show homology to other kinases, but the recombinant protein does exhibit kinase activity. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family.

Note: This product is for in vitro research use only