

PIK3CA antibody

Product Information

Catalog No.:	FNab06417
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4, 5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.

Immunogen information

Immunogen:	phosphoinositide-3-kinase, catalytic, alpha polypeptide
Synonyms:	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (PI3-kinase subunit alpha, PI3K-alpha, PI3Kalpha, PtdIns-3-kinase subunit alpha) Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha (PtdIns-3-kinase subunit p110-alpha, p110alpha) Phosphoinositide 3-kinase alpha Phosphoinositide-3-kinase catalytic alpha polypeptide Serine/threonine protein kinase PIK3CA PIK3CA
Observed MW:	115-120 kDa
Uniprot ID :	P42336

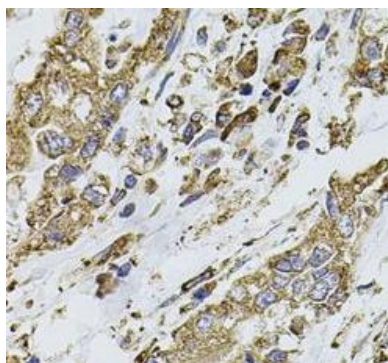
Application

Reactivity:	Human, Mouse, Rat
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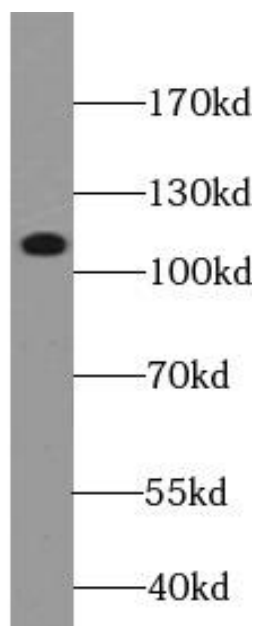
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human gastric cancer tissue slide using FNab06417(PIK3CA Antibody) at dilution of 1:100



K562 cells were subjected to SDS PAGE followed by western blot with FNab06417(PIK3CA antibody) at dilution of 1:1000