

anti- PI3K p110(alpha) antibody

Product Information

Catalog No.:	FNab06417
Size:	100 μ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	\geq 95% as determined by SDS-PAGE
Host:	Rabbit
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

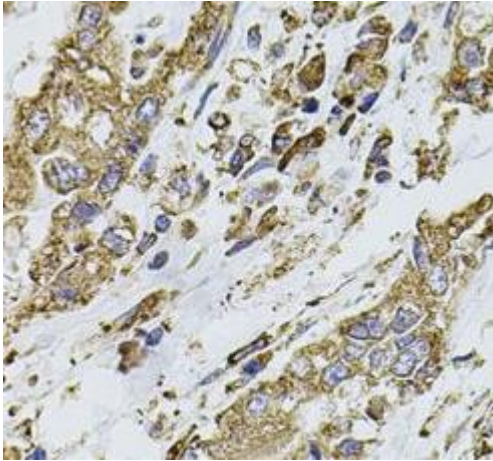
Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4, 5)P₂. This gene has been found to be oncogenic and has been implicated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

Immunogen information

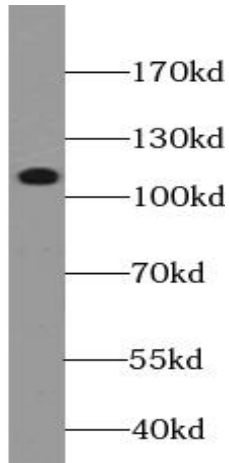
Immunogen:	phosphoinositide-3-kinase, catalytic, alpha polypeptide
Synonyms:	P110 alpha, PI3 kinase subunit alpha, PI3K, PI3K alpha, PI3K p110(alpha), PI3-kinase p110 subunit alpha, PIK3CA, PtdIns 3 kinase subunit alpha
Calculated MW:	115-120 kDa
Uniprot ID :	P42336

Application

Specificity:	Human, Mouse, Rat; other species are not tested. Please decide the specificity by homology
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