

Datasheet for ABIN5701188 **anti-PIK3CA antibody**

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Overview

Quantity:	100 µg
Target:	PIK3CA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	phosphoinositide-3-kinase, catalytic, alpha polypeptide
Isotype:	IgG

Target Details

Target:	PIK3CA
Alternative Name:	PI3K p110(alpha) (PIK3CA Products)
Background:	Synonyms:P110 alpha, PI3 kinase subunit alpha, PI3K, PI3K alpha, PI3K p110(alpha), PI3-kinase p110 subunit alpha, PIK3CA, PtdIns 3 kinase subunit alpha 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

Target Details

	implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.
UniProt:	P42336
Pathways:	PI3K-Akt Signaling , RTK Signaling , TCR Signaling , AMPK Signaling , Interferon-gamma Pathway , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Hepatitis C , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals , VEGF Signaling

Application Details

Application Notes:	WB:1:500-1:5000,IP:1:200-1:2000,IHC:1:100-1:400
Comment:	human brain tissue were subjected to SDS PAGE followed by western blot with FNab06418(PIK3CA antibody) at dilution of 1:1000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months