

## Antibodies Product Datasheet

<b>Product Name:</b>	PI 3-kinase p110 $\alpha$ Antibody
<b>Catalog Number:</b>	R12-2305
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	IF/ICC, WB, IHC-p, ELISA
<b>Dilutions:</b>	IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Modification:</b>	Unmodified/Total
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human PI 3-kinase p110 $\alpha$ . AA range:470-519
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	PIK3CA
<b>Protein Name:</b>	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
<b>Other Name:</b>	PIK3CA; Phosphatidylinositol 4; 5-bisphosphate 3-kinase catalytic subunit alpha isoform; PI3-kinase subunit alpha; PI3K-alpha; PI3K $\alpha$ ; PtdIns-3-kinase subunit alpha; Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit
<b>Human Swiss Prot No.:</b>	P42336
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	PI 3-kinase p110 $\alpha$ Polyclonal Antibody detects endogenous levels of PI 3-kinase p110 $\alpha$ protein.
<b>Storage and Stability:</b>	-20°C/1 year