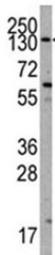


## PI3KCA Antibody (F40168)

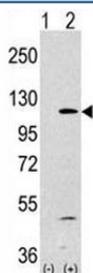
Catalog No.	Formulation	Size
F40168-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40168-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

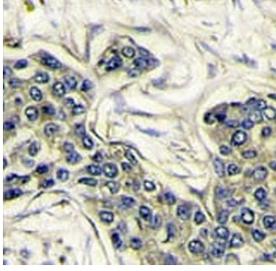
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P42336
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
<b>Limitations</b>	This PI3KCA antibody is available for research use only.



Western blot analysis of PI3KCA antibody and K562 lysate. Predicted molecular weight ~110 kDa.



Western blot analysis of PI3KCA antibody and 293 lysate transiently transfected with the PI3KCA gene (1ug/lane).



IHC analysis of FFPE human breast carcinoma stained with PI3KCA antibody

## Description

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.

## Application Notes

Titration of the PI3KCA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 504-533 from the human protein was used as the immunogen for this PI3KCA antibody.

## Storage

Aliquot the PI3KCA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.