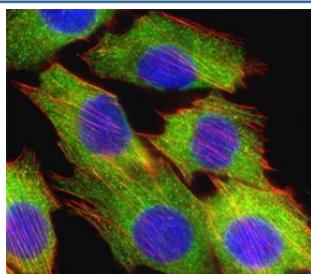


## AKT2 Antibody (F50043)

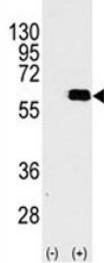
Catalog No.	Formulation	Size
F50043-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50043-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

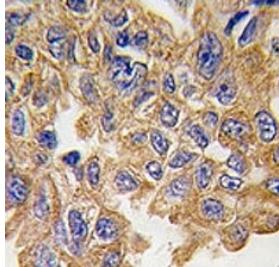
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P31751
<b>Applications</b>	Immunofluorescence : 1:10-1:50 Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This AKT2 antibody is available for research use only.



Fluorescent confocal image of C2C12 cell stained with AKT2 antibody at 1:25. Immunoreactivity is localized to the cytoplasm.



IHC analysis of FFPE human lung carcinoma tissue stained with AKT2 antibody



## Description

AKT2 is a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. AKT2 has been shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression of AKT2 contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. AKT2 is a general protein kinase capable of phosphorylating several known proteins.

## Application Notes

Titration of the AKT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 452-481 from the human protein was used as the immunogen for this AKT2 antibody.

## Storage

Aliquot the AKT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.