

## Phospho-AKT2 Antibody (pS474) (F48486)

Catalog No.	Formulation	Size
F48486-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48486-0.08ML	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>	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>	Dot Blot : 1:500
<b>Limitations</b>	This phospho-AKT2 antibody is available for research use only.



NP-Peptide

P-Peptide

Dot blot analysis of phospho-AKT2 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted. P-Pab=phos-Ab; P-Peptide=phos-peptide; NP-Peptide=nonphos-peptide.

## Description

AKT2 is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. Furthermore, AKT2 was 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 phospho-AKT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This phospho-AKT2 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS474 of human AKT2.

## Storage

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