

## phospho-AKT3 (Ser472) Polyclonal Antibody

Catalog: BS65910

Host: Rabbit

Reactivity: Hu-  
man, Mouse, Rat, Chicken, Dog, Pig, Cow, Rabbit, Sheep,

### Background:

Akt, protein kinase B (PKB), is a serine/threonine kinase which is involved in many cellular signaling pathways and acts as a transducer of many functions initiated by growth factor receptors that activate phosphatidylinositol 3 kinase (PI 3 kinase). The major activity of Akt/PKB is to mediate cell survival. Akt/PKB is also believed to be a critical factor in the genesis of cancer as the tumor suppressor PTEN was found to antagonise PI3 kinase and Akt/PKB kinase activity. There are 3 known isoforms of this enzyme in mammalian cells (1/alpha, 2/beta and 3/gamma). IGF1 leads to the activation of AKT3, which may play a role in regulating cell survival. It is capable of phosphorylating several known proteins.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

56kDa

### Swiss-Prot:

Q9Y243

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

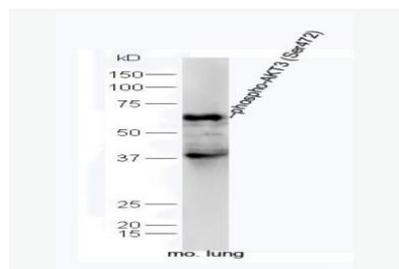
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

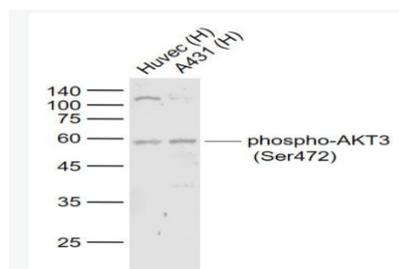
### Specificity:

phospho-AKT3 (Ser472) Polyclonal Antibody detects endogenous levels of AKT3 protein only when phosphorylated at Ser472.

### DATA:



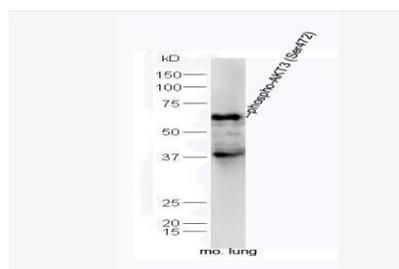
Primary: Anti-phospho-AKT3 (Ser472) at 1/300 dilution



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### Bioworld Technology, Inc.

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

For research use only, not for use in diagnostic procedure.

Note:

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