

## Product Datasheet

### AKT2 Polyclonal Antibody GRP452

#### Description

IGF-1 leads to the activation of AKT3, which may play a role in regulating cell survival. Capable of phosphorylating several known proteins. Truncated isoform 2/PKB gamma 1 without the second serine phosphorylation site could still be stimulated but to a lesser extent. [subcellular location] Cytoplasmic and membrane-associated after cell stimulation leading to its translocation. In adult tissues, it is highly expressed in brain, lung and kidney, but weakly in heart, testis and liver. In fetal tissues, it is highly expressed in heart, liver and brain and not at all in kidney. Belongs to the Ser/Thr protein kinase family. RAC subfamily.

#### Species/Host

Rabbit

#### Reactivity

Human, Mouse, Rat

#### Conjugation

Unconjugated

#### Tested Applications

IHC-P, WB

#### Immunogen

KLH conjugated synthetic peptide derived from human AKT2

#### Form/Appearance

Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.

#### Concentration

1ug/ul

#### Storage

Store at -20°C for 12 months.

#### Note

For research use only.

#### Isotype

IgG

#### Clonality

Polyclonal

#### Purity

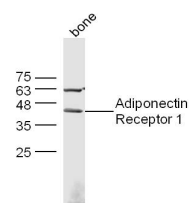
Purified by Protein A.

#### Entrez

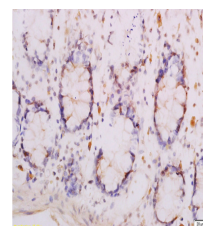
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#### Dilution Range

WB: 1:300-1000, IHC-P: 1:200-400



WB of GRP452



IHC-P of GRP452