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35-1499: Polyclonal Antibody to Akt2 (Ab-474)

Clonality :	Polyclonal
Application :	WB,IHC
Reactivity :	Human,Mouse,Rat
Gene :	AKT2
Gene ID :	208
Uniprot ID :	P31751
Format :	Purified
Alternative Name :	PKB beta, Akt-2, Protein kinase B, RAC-PK-beta
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa. 472~476 (Q-F-S-Y-S) derived from Human Akt2.

Description

General protein kinase capable of phosphorylating several known proteins.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 60kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

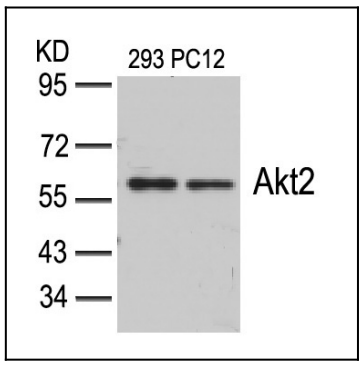


Figure 1: Western blot analysis of extracts from 293 and PC12 cells using Akt2 (Ab-474) Antibody 35-1499 .

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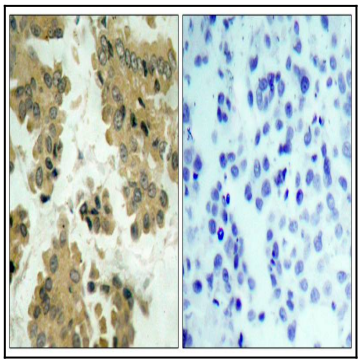


Figure 2: Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Akt2(Ab-474) Antibody 35-1499 (left) or the same antibody preincubated with blocking peptide(right).

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