

Manufacturer/Supplier:

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Product name: Rabbit anti-AKT (pY315) Antibody

Catalog: DL90033A

Synonyms: AKT1; PKB; RAC; RAC-alpha
serine/threonine-protein kinase; Protein kinase B;
PKB; Protein kinase B alpha; PKB alpha;
Proto-oncogene c-Akt; RAC-PK-alpha; AKT2;
RAC-beta serine/threonine-protein kinase; Protein
kinase Akt-2; Protein kinase B beta; PKB beta;

Immunogen: KLH-conjugated synthetic peptide encompassing a
sequence within the center region of human AKT.
The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:

Human, Mouse, Rat, Bovine, Chicken, Zebrafish

Application: WB, IHC, IF/IC**Clonality:** Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200), IF/IC (1/100 - 1/500)

Entrez Gene:

11651; 11652; 23797/24185; 25233; 29414

SwissProt:

P31749; P31751; Q9Y243/P31750; Q60823;
Q9WUA6/P47196; P47197; Q63484

Purification:

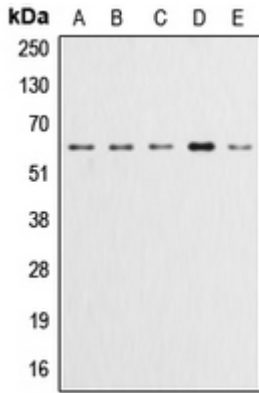
The antibody was purified by immunogen affinity chromatography.

Buffer:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of AKT (pY315) expression in HeLa (A), A549 (B), LOVO (C), HepG2 (D), NIH3T3 (E) whole cell lysates.

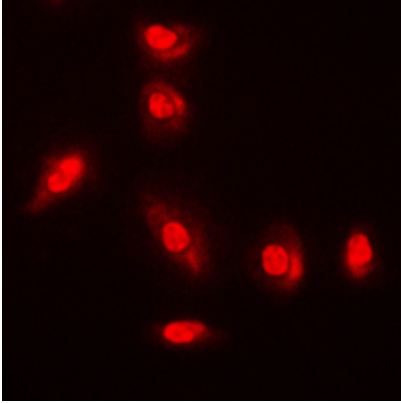


IHC description:

Immunohistochemical analysis of AKT (pY315) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of AKT (pY315) staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.