

Product Datasheet

AKT1 Antibody

NBP2-66427

Unit Size: 100 ug

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

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NBP2-66427

AKT1 Antibody

Product Information

Unit Size	100 ug
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	55.7 kDa

Product Description

Host	Goat
Gene ID	207
Gene Symbol	AKT1
Species	Human, Mouse
Specificity/Sensitivity	Variants one, two and three encode the same protein (NP_005154, NP_001014432, NP_001014431). No cross-reactivity expected with AKT2 or AKT3.
Immunogen	This AKT1 antibody is made to a peptide with sequence C-EVSLAKPKHR, from the internal region of the protein sequence according to NP_005154.2; NP_001014432.1; NP_001014431.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 2 - 3 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Western Blot: 60 kDa band observed in MCF7 and 60-65 kDa in NIH3T3 cell lysates (calculated MW of 55.7 kDa according to Human NP_005154.2 and Mouse NP_033782.1).

Images

Western Blot: AKT1 Antibody [NBP2-66427] - WB of MCF7 (A) and NIH3T3 (B) cell lysates (35 ug protein in RIPA buffer). AKT1 antibody at 2 ug/mL. Detected by chemiluminescence





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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