

Product Datasheet

AKT Rabbit Polyclonal Antibody (orb213541)

Catalog Number	orb213541
Category	Antibodies
Description	The AKT Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKT. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	AKT1; AKT2; AKT3
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Gallus, Human, Mouse, Rat, Zebrafish
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKT. The exact sequence is proprietary.
UniProt ID	Q9Y243, P47196, Q60823, Q63484, P31750, P31751, Q9WUA6, P31749, P47197
Tested applications	IHC, WB

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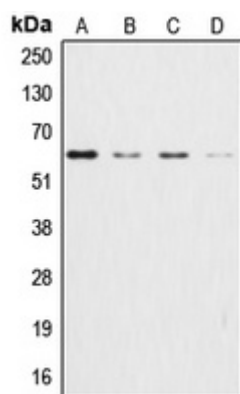
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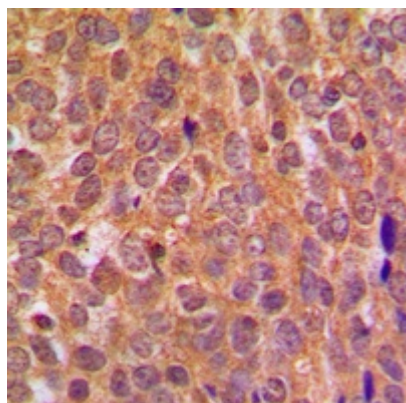
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Dilution range	WB: 1-500-1-1000, IHC-P: 1-100-1-200
Specificity	Recognizes endogenous levels of AKT protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	11652 , 208 , 24185 , 25233 , 29414 , 23797 , 10000 , 11651 , 207
Expiration Date	12 months from date of receipt.



Western blot analysis of AKT expression in HeLa (A), HEK293T (B), NIH3T3 (C), H9C2 (D) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 60 kD)



Immunohistochemical analysis of AKT staining in human breast cancer 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.

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