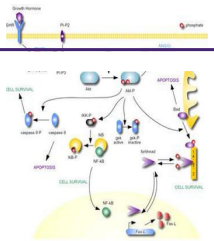
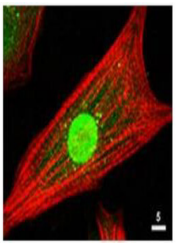
Product Datasheet

AKT1 antibody (orb750474)

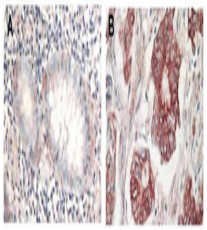
Description	AKT1 antibody
Species/Host	Rabbit
Reactivity	Gallus, Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IF, IHC, WB
Immunogen	AKT Antibody was produced from whole rabbit serum prepared by repeated immunizations with a synthetic peptide R-P-H-F-P-Q-F-S-Y-S-A-S-G-T-A corresponding to the C-terminus (460-480) of human AKT proteins conjugated to KLH using maleimide. A residue of cysteine was added to the amino terminal end to facilitate coupling. A BLAST analysis was used to suggest reactivity with this protein from rat, mouse, and chicken based on 100% homology for the immunogen sequence.
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	85 mg/mL
Storage	Store Anti-Akt antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Anti-AKT Antibody has been tested in Western Blot, Immunohistochemistry (Formalin-fixed paraffin-embedded sections), and Immunofluorescence (paraformaldehyde-fixed primary cardiomyocyte cultures). Expect a band at ~55.7kDa in 3T3 whole cell lysate or other appropriate cell lysates or tissues in western blot. Although not tested, this antibody would be useful in flow cytometry. Researchers should determine optimal titers for applications that are not stated below.
Isotype	Antiserum
Clonality	Polyclonal
Purity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Pan Anti-AKT Antibody reacts with the AKT from human



AKT Metabolic Pathway.



Immunofluorescence Microscopy of Rabbit ...



Immunohistochemistry of Rabbit Anti-AKT ...

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Dilution Range	ELISA: 1:2,000 - 1:10,000, FC: User Optimized, IHC: