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Datasheet for ABIN7431704 anti-AKT3 antibody (AA 46-338)

5 Images



Overview

Quantity:	100 µL
Target:	AKT3
Binding Specificity:	AA 46-338
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Protein Kinase B Gamma (PKBg)	
Immunogen:	Recombinant Protein Kinase B Gamma (PKBg) corresdonding to Asp46~Glu338 with N- terminal His Tag	
lsotype:	lgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKBg. It has been selected for its ability to recognize PKBg in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Mouse, Pig, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

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Target Details

Target:	АКТЗ
Alternative Name:	Protein Kinase B Gamma (AKT3 Products)
Background:	PKBG, PRKB-G, AKT3, RAC-PK-Gamma, RAC-Gamma, STK2, RAC-Gamma Serine/Threonine- Protein Kinase, V-Akt Murine Thymoma Viral Oncogene Homolog 3
Pathways:	PI3K-Akt Signaling, RTK Signaling, TLR Signaling, Hepatitis C, VEGF Signaling

Application Details

Application Notes:	Western blotting: 1-5 μ g/mL Immunocytochemistry in formalin fixed cells: 5-20 μ g/mL
	Immunohistochemistry in formalin fixed frozen section: 5-20 μ g/mL Immunohistochemistry in
	paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal
	working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37° C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

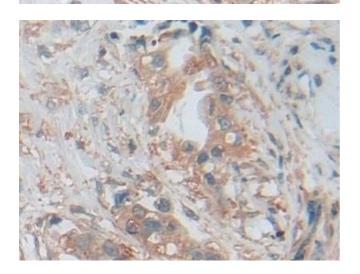
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Image 1. Detection of PKBg in MCF7 cell lysate using Polyclonal Antibody to Protein Kinase B Gamma (PKBg)

Immunohistochemistry

Image 2. Detection of PKBg in Human Breast cancer Tissue using Polyclonal Antibody to Protein Kinase B Gamma (PKBg)



Immunohistochemistry

Image 3. Detection of PKBg in Human Pancreatic cancer Tissue using Polyclonal Antibody to Protein Kinase B Gamma (PKBg)

Please check the product details page for more images. Overall 5 images are available for ABIN7431704.

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