

Datasheet for ABIN7433999
anti-AKT2 antibody (AA 142-412)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	AKT2
Binding Specificity:	AA 142-412
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Protein Kinase B Beta (PKBb)
Immunogen:	Recombinant Protein Kinase B Beta (PKBb) corresponding to Lys142~Ile412 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKBb. It has been selected for its ability to recognize PKBb in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

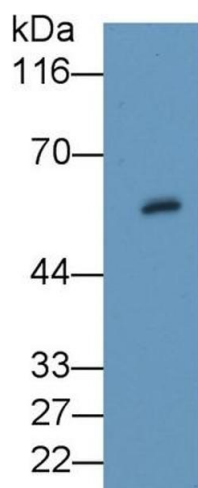
Target:	AKT2
Alternative Name:	Protein Kinase B Beta (AKT2 Products)
Background:	AKT2, PKBBETA, PRKB-B, RAC-BETA, RAC-Beta Serine/Threonine-Protein Kinase, V-Akt Murine Thymoma Viral Oncogene Homolog 2
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , TLR Signaling , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Hepatitis C , VEGF Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

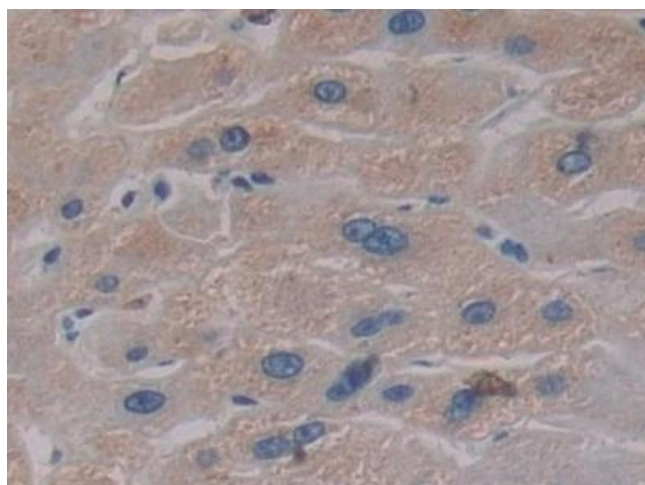
Handling

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



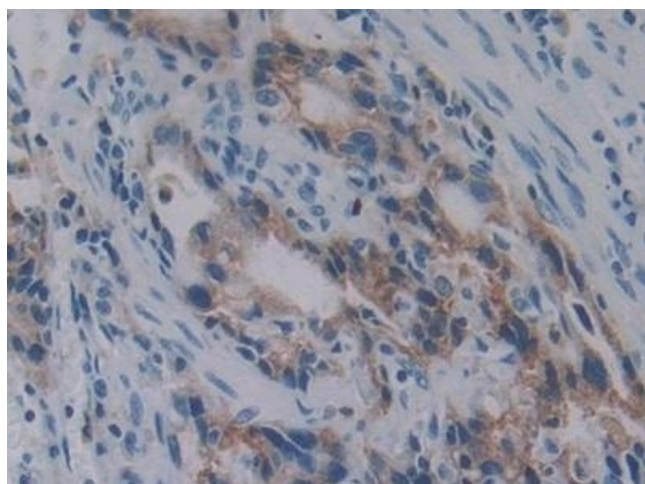
Western Blotting

Image 1. Detection of PKBb in Rat Thyroid lysate using Polyclonal Antibody to Protein Kinase B Beta (PKBb)



Immunohistochemistry

Image 2. Detection of PKBb in Human Liver Tissue using Polyclonal Antibody to Protein Kinase B Beta (PKBb)



Immunohistochemistry

Image 3. Detection of PKBb in Human Stomach cancer Tissue using Polyclonal Antibody to Protein Kinase B Beta (PKBb)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7433999.