

Datasheet for ABIN3029469
anti-AKT2 antibody (AA 93-122)

5 Images



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Overview

Quantity:	0.4 mL
Target:	AKT2
Binding Specificity:	AA 93-122
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 93-122 from the mouse protein was used as the immunogen for this Akt2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Antigen affinity purified

Target Details

Target:	AKT2
Alternative Name:	Akt2 (AKT2 Products)
Background:	General protein kinase capable of phosphorylating several known proteins.

Target Details

UniProt:	Q60823
Pathways:	PI3K-Akt Signaling , RTK Signaling , AMPK Signaling , TLR Signaling , Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process , Hepatitis C , VEGF Signaling

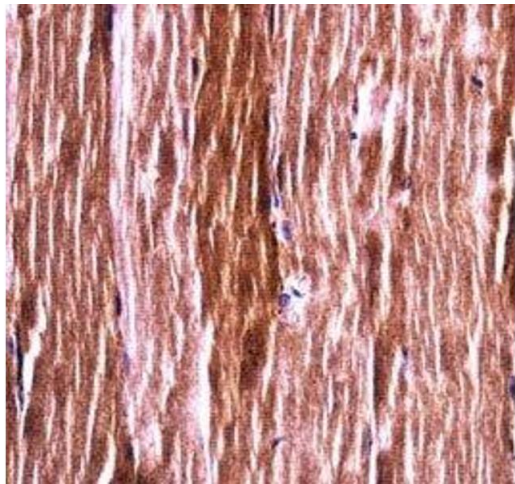
Application Details

Application Notes:	Titration of the Akt2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

Handling

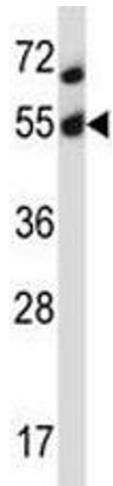
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Akt2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



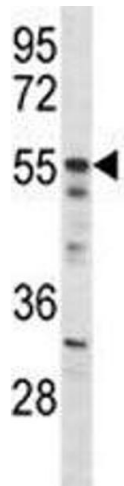
Immunohistochemistry

Image 1. Akt2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse skeletal muscle.



Western Blotting

Image 2. Akt2 antibody western blot analysis in MCF-7 lysate.



Western Blotting

Image 3. Akt2 antibody western blot analysis in mouse NIH3T3 lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029469.