

## AKT (phospho Thr308) antibody

Cat. No. GTX28933

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, FCM, Dot, ELISA
Reactivity	Human, Mouse, Rat

References ( 5 )

Package

100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
IHC-P	1:200
FCM	Assay dependent
Dot	Assay dependent
ELISA	1:15000

Not tested in other applications.

**Calculated MW** 56 kDa. ( [Note](#) )

**Product Note** This antibody is specific for phosphorylated human AKT. Minimal reactivity occurs against non-phosphorylated AKT.

## Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A phosphorylated synthetic peptide corresponding to residues surrounding threonine 308 of human AKT1 protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

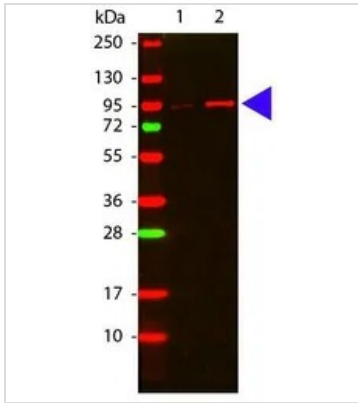


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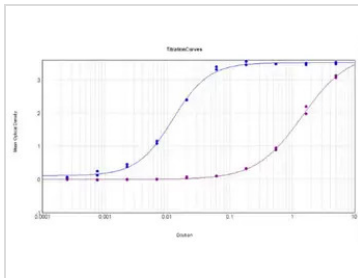
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTK28933 WB Image**

Western Blot of Rabbit anti-Akt phospho T308 antibody (GTK28933). Lane 1: GST tagged AKT1 un-active recombinant protein. Lane 2: GST tagged AKT1 active recombinant protein. Load: 50 ng per lane. Primary antibody: Akt phospho T308 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: DyLight™ 649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block for 30 min at RT. Other band(s): none.

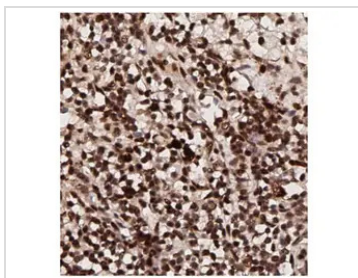

**GTK28933 ELISA Image**

ELISA analysis of Non-phospho and phospho peptide using serially diluted GTK28933 AKT (phospho Thr308) antibody.

Blue : Phospho

Purple : Non-phospho

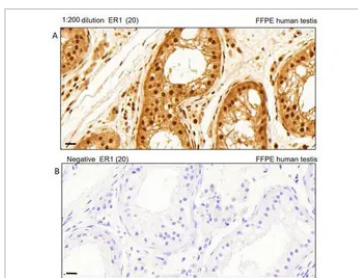
Coating : 0.1 µg


**GTK28933 IHC-P Image**

IHC-P analysis of human breast tissue using GTK28933 AKT (phospho Thr308) antibody.

Antigen retrieval : Heat mediated citrate buffer

Dilution : 1:200


**GTK28933 IHC-P Image**

IHC-P analysis of human testis tissue using GTK28933 AKT (phospho Thr308) antibody.

Antigen retrieval : Heat mediated Leica Bond Epitope Retrieval Buffer 1 (Citrate solution, pH 6)



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