

## AKT (phospho Thr308) antibody

**Cat. No. GTX28933**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, FCM, Dot, ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	20mM Potassium Phosphate, 150mM NaCl
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A phosphorylated synthetic peptide corresponding to residues surrounding threonine 308 of human AKT1 protein.
<b>Purification</b>	Purified by antigen-affinity chromatography. From serum
<b>Conjugation</b>	Unconjugated



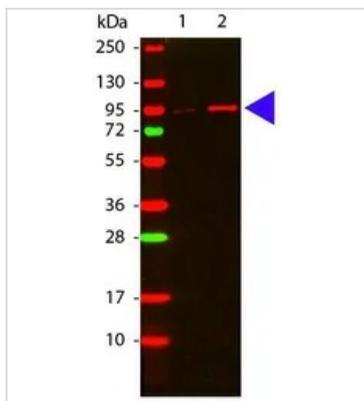
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**Note**

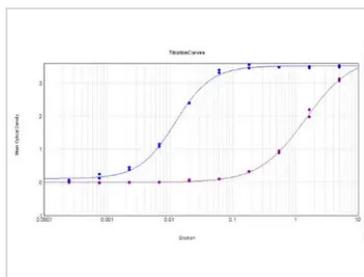
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DATA IMAGES



**GTX28933 WB Image**

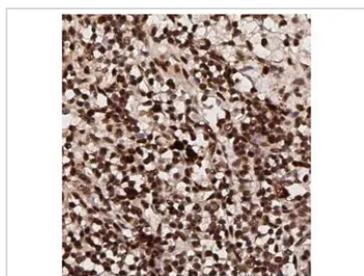
Western Blot of Rabbit anti-Akt phospho T308 antibody (GTX28933). Lane 1: GST tagged AKT1 un-active recombinant protein. Lane 2: GST tagged AKT1 active recombinant protein. Load: 50 ng per lane. Primary antibody: Akt phospho T308 antibody at 1:1,000 for overnight at 4°C. Secondary antibody: DyLight™ 649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block for 30 min at RT. Other band(s): none.



**GTX28933 ELISA Image**

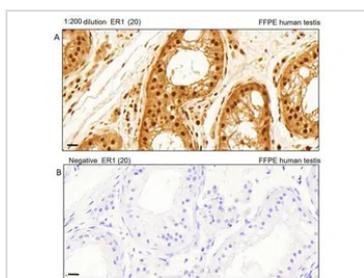
ELISA analysis of Non-phospho and phospho peptide using serially diluted GTX28933 AKT (phospho Thr308) antibody.

Blue : Phospho  
Purple : Non-phospho  
Coating : 0.1 µg



**GTX28933 IHC-P Image**

IHC-P analysis of human breast tissue using GTX28933 AKT (phospho Thr308) antibody.  
Antigen retrieval : Heat mediated citrate buffer  
Dilution : 1:200



**GTX28933 IHC-P Image**

IHC-P analysis of human testis tissue using GTX28933 AKT (phospho Thr308) antibody.  
Antigen retrieval : Heat mediated Leica Bond Epitope Retrieval Buffer 1 (Citrate solution, pH 6)



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