

# RAC-Alpha Serine/threonine-Protein Kinase Phospho-Thr72 (AKT1 pT72) Cell ELISA Kit

Catalogue No.: abx595970

Akt1 (pT72) Cell ELISA Kit is a cell-based ELISA Kit. Cells to be assayed should be seeded onto a clear flat bottom 96 well plate, using poly-L-lysine for non-adherent cells. Cells should be grown to 75-90% confluence and treated prior to carrying out the ELISA.

<b>Target:</b>	RAC-Alpha Serine/threonine-Protein Kinase Phospho-Thr72 (AKT1 pT72)
<b>Target Modification:</b>	Thr72
<b>Modification:</b>	Phosphorylation
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	ELISA
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Storage:</b>	Shipped at 4°C. Upon receipt, store the kit according to the storage instruction in the kit's manual.
<b>Validity:</b>	6 months.
<b>UniProt Primary AC:</b>	P31749 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	AKT1
<b>GeneID:</b>	<a href="#">207</a>
<b>OMIM:</b>	<a href="#">114480</a>
<b>HGNC:</b>	391
<b>KEGG:</b>	hsa:207
<b>Ensembl:</b>	ENSG00000142208
<b>String:</b>	<a href="#">9606.ENSP00000451828</a>
<b>Detection Method:</b>	Colorimetric

# Datasheet

Version: 3.0.0

Revision date: 07 Sep 2025



**Plate Coating:** Uncoated

**Substrate:** TMB

**Detection Antibody Conjugation:** HRP

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

Please note that our kits are optimised for detection of native samples, rather than recombinant proteins. We are unable to guarantee detection of recombinant proteins, as they may have different sequences or tertiary structures to the native protein.

For Reference Only