



## AKT Substrate Antibody

CATALOG NUMBER: 39-852

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, IHC, WB
<b>APPLICATIONS:</b>	ELISA, Western (immuno) blotting, Immunostaining (in testing)
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>IMMUNOGEN:</b>	A synthetic peptide surrounding the pT649 site.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Affinity Purified
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Akt substrate 160 pT649, AS160, TMSA,
<b>ACCESSION NO.:</b>	EDL00480
<b>PROTEIN GI NO.:</b>	209739387
<b>OFFICIAL SYMBOL:</b>	TBC1D4
<b>GENE ID:</b>	9882

### Background

<b>BACKGROUND:</b>	The Akt substrate 160 pT649, (TBC1D4-pT642) activation by Akt has been associated with the GLUT4 translocation upon insulin activation in 3T3-L1 cells
<b>REFERENCES:</b>	1) Ng Y, Ramm G, Burchfield JG, Coster AC, Stockli J, James DE. Cluster analysis of insulin action in adipocytes reveals a key role for Akt at the plasma membrane. J Biol Chem. 2009 Nov 6. [Epub ahead of print]

FOR RESEARCH USE ONLY

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