OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA397513

Tbc1d4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**WB**: 1ug/ml **IHC**: User Optimized **ELISA**: 1: 10,000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	TBC1D4 [p Thr642] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide surrounding the pT649 site of human TBC1D4 [p Thr642].
Specificity:	Anti-TBC1D4 [p Thr642] was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with TBC1D4 [p Thr642] from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	0.93mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	Q8BYJ6
Background:	TBC1D4 [p Thr642] is associated with glucose uptake by promoting insulin-induced glucose transporter. The Akt substrate 160 pT649 activation by Akt has been associated with the GLUT4 translocation upon insulin activation in 3T3-L1 cells. Anti-TBC1D4 [p Thr642] antibody is ideal for investigators interested in Signal Transduction research.

View online »

Synonyms: rabbit anti-TBC1D4 pT642 antibody, phosphorylated TBC1D4 antibody, TBC1 domain family member 4, Akt substrate of 160 kDa, AS160, TBC1D4, KIAA0603

Note: Anti-TBC1D4 pT642 antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~160kDa corresponding to the appropriate cell lysate or extract.