

Datasheet for ABIN6990834
anti-TBC1D4 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TBC1D4
Binding Specificity:	AA 1190-1240, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBC1D4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TBC1D4 antibody was raised against an 19 amino acid peptide near the carboxy terminus of human TBC1D4 . The immunogen is located within amino acids 1190 - 1240 of TBC1D4.
Isotype:	IgG
Purification:	TBC1D4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TBC1D4
Alternative Name:	TBC1D4 (TBC1D4 Products)
Background:	TBC1D4 Antibody: TBC1D4, also known as the Akt substrate AS160, was initially identified as an Akt substrate containing a GTPase-activating domain that regulates GLUT4 trafficking, with activation following insulin stimulation. TBC1D4 truncations in humans is a major cause of

Target Details

	dominant inherited insulin resistance. The loss of TBC1D4 results in the accumulation of GLUT4 in compartments that are primed for fusion in basal adipocytes.
Molecular Weight:	Predicted: 143 kDa
	Observed: 140 kDa
Gene ID:	9882
NCBI Accession:	NP_055647
UniProt:	O60343

Application Details

Application Notes:	TBC1D4 antibody can be used for immunohistochemistry starting at 10 µg/mL.
	Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TBC1D4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TBC1D4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.