

## Anti-TBC1 domain family member 4 TBC1D4 Antibody

Catalog Number: A02004

### About TBC1D4

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 dominant inherited insulin resistance. The loss of TBC1D4 results in the accumulation of GLUT4 in compartments that are primed for fusion in basal adipocytes.

### Overview

Product Name	Anti-TBC1 domain family member 4 TBC1D4 Antibody
Reactive Species	Human
Description	Boster Bio Anti-TBC1 domain family member 4 TBC1D4 Antibody (Catalog # A02004). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	TBC1D4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TBC1D4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O60343

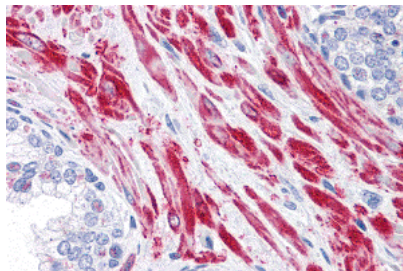
### Technical Details

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.
Predicted Reactive Species	Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TBC1D4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TBC1D4 antibody can be used for immunohistochemistry starting at 10 ug/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.



## Anti-TBC1 domain family member 4 TBC1D4 Antibody (A02004) Images

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Immunohistochemistry of TBC1D4 in human prostate tissue with TBC1D4 antibody at 10 ug/mL.

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