

## Anti-TTC7A Antibody

Catalog Number: A05538-1

### About TTC7A

TTC7A (TPR repeat protein 7A) is expressed in enterocytes within the duodenum, ileum, and colon, and has a role in enterocyte survival and function. Mutations in the TTC7A gene can result in a spectrum of intestinal disease, including multiple intestinal atresia (MIA) and very early onset inflammatory bowel diseases (VEOIBD). Functional analysis revealed that TTC7A binds to and facilitates the transport of PI4KIIIa from the trans-Golgi to the plasma membrane, while loss of TTC7A results in dysregulation of PI4KIIIa signaling. This antibody specially recognizes endogenous TTC7A. (24417819)

### Overview

Product Name	Anti-TTC7A Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TTC7A Antibody catalog # A05538-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9ULT0

### Technical Details

Immunogen	E.coli-derived human TTC7A recombinant protein (Position: T151-Q463).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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Anti-TTC7A Antibody

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