

Anti-TPK1 Antibody

Catalog Number: A05487-1

About TPK1

The protein encoded by this gene functions as a homodimer and catalyzes the conversion of thiamine to thiamine pyrophosphate, a cofactor for some enzymes of the glycolytic and energy production pathways. Defects in this gene are a cause of thiamine metabolism dysfunction syndrome-5.

Overview

Product Name	Anti-TPK1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TPK1 Antibody catalog # A05487-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 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	Q9H3S4

Technical Details

Immunogen	E.coli-derived human TPK1 recombinant protein (Position: E9-A240).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunoprecipitation, 1:50 ELISA, 1:100-1000

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