

Anti-Phospho-TTK (T676) Antibody

Catalog Number: P01132

About TTK

Dual specificity protein kinase TTK is a protein that in humans is encoded by the XRCC2 gene. This gene is mapped to 6q14.1. This gene encodes a dual specificity protein kinase with the ability to phosphorylate tyrosine,serine and threonine. Associated with cell proliferation,this protein is essential for chromosome alignment at the centromere during mitosis and is required for centrosome duplication. It has been found to be a critical mitotic checkpoint protein for accurate segregation of chromosomes during mitosis. Tumorigenesis may occur when this protein fails to degrade and produces excess centrosomes resulting in aberrant mitotic spindles. Alternative splicing results in multiple transcript variants.

Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Overview

Product Name	Anti-Phospho-TTK (T676) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-TTK (T676) Antibody catalog # P01132. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	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 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P33981

Technical Details

Immunogen	A synthesized peptide derived from human TTK around the phosphorylation site of Thr676.
-----------	---

Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

[Anti-Phospho-TTK \(T676\) Antibody](#)

For Research Use Only. Not for use in diagnostic procedures.