

Anti-Phospho-TAK1/MAP3K7 (T184/T187) Antibody

Catalog Number: P01458-1

About MAP3K7

Mitogen-activated protein kinase kinase kinase 7, also known as TAK1, is an enzyme that in humans is encoded by the MAP3K7 gene. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Overview

Product Name	Anti-Phospho-TAK1/MAP3K7 (T184/T187) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-TAK1/MAP3K7 (T184/T187) Antibody catalog # P01458-1. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	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	O43318

Technical Details

Immunogen	A synthesized peptide derived from human TAK1 around the phosphorylation site of Thr184/187.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

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