

Anti-Phospho-IKK Alpha/CHUK (T23) Antibody

Catalog Number: P01918-2

About CHUK

IKKA, also known as conserved helix-loop-helix ubiquitous kinase (CHUK) or IKBKA, is a protein kinase that in humans is encoded by the CHUK gene. It is mapped to 10q24.31. This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquitination pathway, thereby activating the transcription factor. IKKA is part of the I kappa B kinase complex that plays an important role in regulating the NF-kappaB transcription factor. However, IKKA also has many additional cellular targets, and is thought to function independently of the NF-kappaB pathway to regulate epidermal differentiation.

Overview

Product Name	Anti-Phospho-IKK Alpha/CHUK (T23) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-IKK Alpha/CHUK (T23) Antibody catalog # P01918-2. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, 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	O15111

Technical Details

Immunogen	A synthesized peptide derived from human IKK- alpha around the phosphorylation site of Thr23.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-200
Immunocytochemistry/Immunofluorescence, 1:50-200

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