

Anti-IKK alpha/CHUK Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9110-Fluoro488

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 IkappaB 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-IKK alpha/CHUK Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O15111

Technical Details

Immunogen	E.coli-derived human IKK alpha recombinant protein (Position: V411-E745). Human IKK alpha shares 98% amino acid (aa) sequence identity with mouse IKK alpha.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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