

Product datasheet

Anti-IKK alpha + IKK beta (phospho S176 + S177) antibody ab194528

★★★★☆ [1 Abreviews](#) [18 References](#) [2 Images](#)

Overview

Product name	Anti-IKK alpha + IKK beta (phospho S176 + S177) antibody
Description	Rabbit polyclonal to IKK alpha + IKK beta (phospho S176 + S177)
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human IKK alpha + IKK beta (phospho S176 + S177) conjugated to Keyhole Limpet Haemocyanin (KLH). Peptide sequence around phosphorylation site of serine 176/177 (Q-G-S(p)-L-C) derived from Human IKK alpha + IKK beta. SwissProt: O15111/O14920.
Positive control	WB: HeLa whole cell lysate treated with EGF and NIH 3T3 cell extracts treated with TNF.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 49% PBS PBS (without Mg ²⁺ and Ca ²⁺)
Purity	Immunogen affinity purified
Purification notes	ab194528 was purified by affinity-chromatography using epitope-specific phosphopeptide. Non-

phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab194528 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

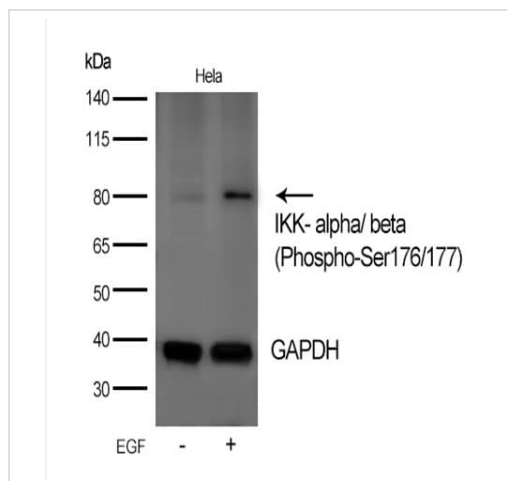
Application	Abreviews	Notes
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 85 kDa.

Target

Relevance IKK is a serine protein kinase, and the IKK complex contains alpha and beta subunits (IKK alpha and IKK beta). IKK alpha and IKK beta interact with each other and both are essential for NFkB activation.

Cellular localization Cytoplasmic and Nuclear; Membrane raft. Note: IKK beta is colocalized with DPP4 in membrane rafts.

Images



Western blot - Anti-IKK alpha + IKK beta (phospho S176 + S177) antibody (ab194528)

All lanes : Anti-IKK alpha + IKK beta (phospho S176 + S177) antibody (ab194528) at 1/500 dilution

Lane 1 : HeLa whole cell lysate

Lane 2 : HeLa whole cell lysate treated with 20nM EGF for 30min

Lysates/proteins at 40 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG at 1/20000 dilution

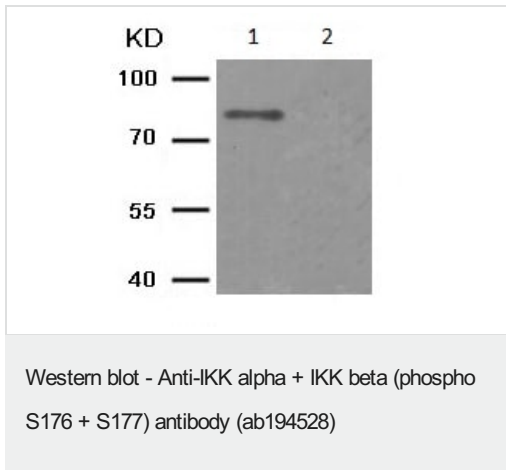
Developed using the ECL technique.

Predicted band size: 85 kDa

Observed band size: 80 kDa

Exposure time: 30 seconds

Blocking and diluting buffer and concentration: 5% TBST.



All lanes : Anti-IKK alpha + IKK beta (phospho S176 + S177) antibody (ab194528) at 1/500 dilution

Lane 1 : NIH 3T3 cell extract, treated with TNF

Lane 2 : NIH 3T3 cell extract, treated with TNF with antigen-specific peptide

Predicted band size: 85 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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