

# IKK alpha Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the 20 amino-terminal residues of human IKKa
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10977404

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunoprecipitation (IP)	1:500	-

## Product Specific Information

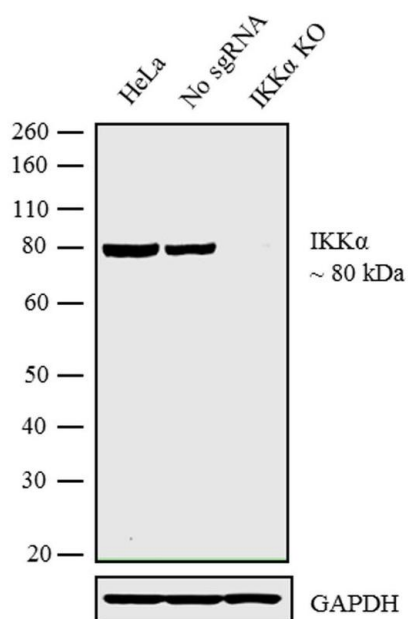
It is not recommended to aliquot this antibody.

This antibody is not cross-reactive with IKK-beta or IKK-gamma.

## Product Images For IKK alpha Polyclonal Antibody

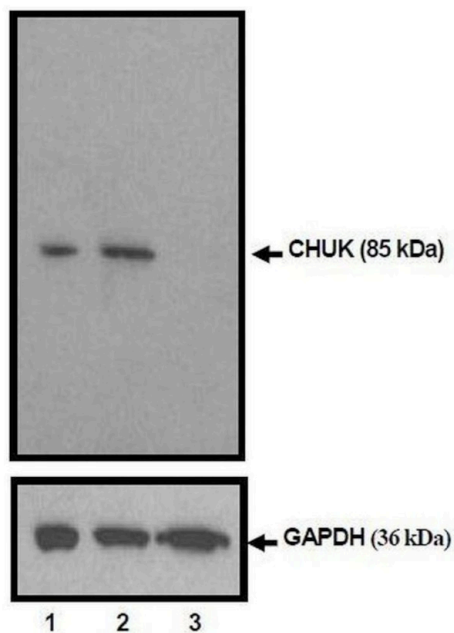
### IKK alpha Antibody (PA5-17803) in WB

Western blot analysis of IKK alpha was performed by loading 30 µg of HeLa (lane1), ME180 (lane2), ME180- IKK alpha knockout (lane3) whole cell lysate using Novex®NuPAGE®4-12 % Bis-Tris gel (Product # NP0321BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), Novex® Sharp Pre-Stained Protein Standard (Product # LC5800), and iBlot® Dry Blotting System (Product # IB21001). Proteins were transferred to a nitrocellulose membrane and blocked with 5% skim milk for 1 hour at room temperature. IKK alpha was detected at ~ 80 kDa using IKK alpha Rabbit Polyclonal Antibody (Product # PA5-17803) at 1:1000 in 5% skim milk at 4°C overnight on a rocking platform. Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution) was used and chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106). Loss of signal upon CRISPR mediated knockout (KO) confirms that antibody is specific to IKK alpha.



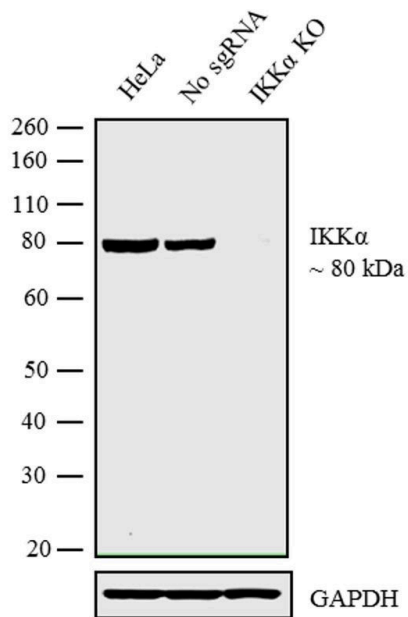
### IKK alpha Antibody (PA5-17803)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in ME180 (KO) cell line compared to control cell line using IKK alpha antibody with clonality (Product # PA5-17803). {KO}



### IKK alpha Antibody (PA5-17803)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in IKK alpha knockout (KO) cell line compared to control cell line using anti- IKK alpha Rabbit Polyclonal antibody (Product # PA5-17803). {KO}



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