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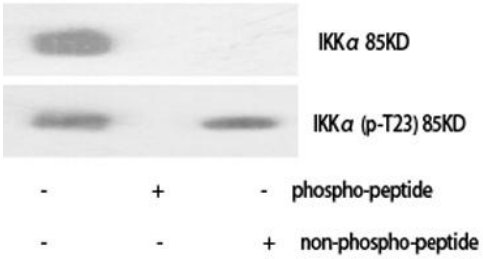
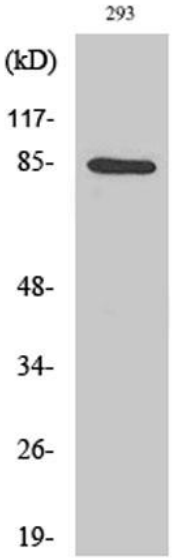
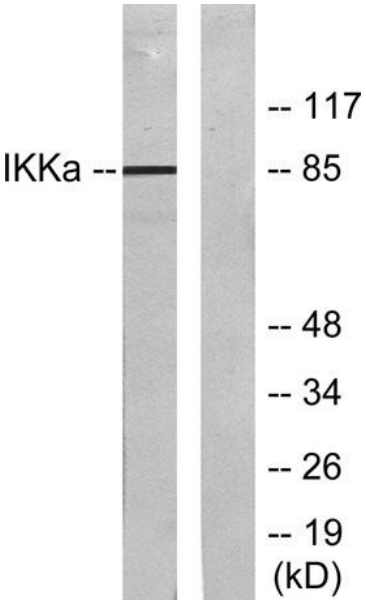
| **Product name:** | IKK alpha Rabbit Polyclonal Antibody |
| **Cat number:** | AB-81979 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100µg |
| **Clone:** | POLY |
| **Concentration:** | 1mg/ml |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Immunogen:** | The antiserum was produced against synthesized peptide derived from human IKK-alpha. AA range:15-64 |
| **Reactivity:** | Human, Mouse, Rat |
| **Applications:** | Western Blot: 1/500 - 1/2000 Immunohistochemistry: 1/100 - 1/300 |
| **Molecular Weight:** | 85kD |
| **Purification:** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Form:** | Liquid |
| **Buffer:** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage:** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Background:** | 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 ubiquination pathway, thereby activating the transcription factor. |



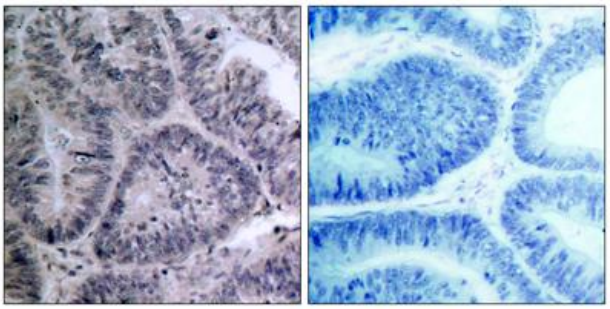

Western Blot analysis of various cells using IKKα Polyclonal Antibody diluted at 1:1000




Western Blot analysis of 293 cells using IKKα Polyclonal Antibody diluted at 1:1000




Western blot analysis of lysates from 293 cells, treated with EGF, using IKK-alpha Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using IKK-alpha Antibody. The picture on the right is blocked with the synthesized peptide.