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**Product Name: NFRκB Rabbit Polyclonal Antibody****Catalog #: APRab14658**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
<b>Molecular Weight</b>	110kDa

**Antigen Information**

<b>Gene Name</b>	NFRKB
<b>Alternative Names</b>	NFRKB; INO80G; Nuclear factor related to kappa-B-binding protein; DNA-binding protein R kappa-B; INO80 complex subunit G
<b>Gene ID</b>	4798.0
<b>SwissProt ID</b>	Q6P4R8
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NFRKB. AA range:463-512

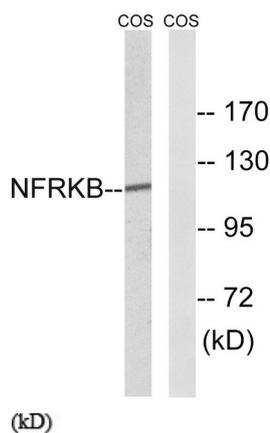
**Background**

function: Binds to the DNA consensus sequence 5'-GGGGAATCTCC-3'. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR. subunit: Component of the chromatin-remodeling INO80 complex, at least composed of ACTL6A, ACTR5, ACTR8, RVBL1, RVBL2, INO80, INO80B, INO80C, INO80D and INO80E. tissue specificity: Expressed in thymus, brain, testes, spleen and liver. function: Binds to the DNA consensus sequence 5'-GGGGAATCTCC-3'. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR. subunit: Component of the chromatin-remodeling INO80 complex, at least composed of ACTL6A, ACTR5, ACTR8, RVBL1, RVBL2, INO80, INO80B, INO80C, INO80D and INO80E. tissue specificity: Expressed in thymus, brain, testes, spleen and liver.

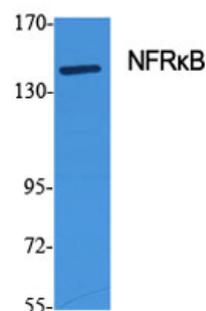
## Research Area

Signal transduction; Nuclear signaling; NFkB pathway; Cancer; Cell Death; Apoptosis; Apoptosis Markers; NFkB; p50; Nuclear Signaling Pathways; NFkB pathway; Epigenetics and Nuclear Signaling; Transcription; Transcription Factors; Immunology; Innate Immunity; Macrophage / Inflamm; Signal Transduction; Signaling Pathway; Cell Biology; Intracellular

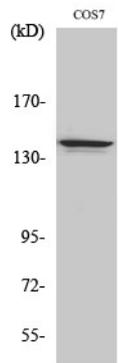
## Image Data



Western blot analysis of lysates from COS7 cells, using NFRKB Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using NFRkB Polyclonal Antibody diluted at 1: 500.



Western Blot analysis of COS7 cells using NFRκB Polyclonal Antibody diluted at 1:500.