Anti-Phospho-RELA-Ser536 antibody (470-550) (STJ90351)

STJ90351

GENERAL INFORMATION

Product Type Primary antibodies

Short Description Rabbit polyclonal antibody anti-Phospho-Transcription Factor P65-Ser536 (470-550) is suitable for use in Immunofluorescence, Immunocytochemistry, Western Blot, Immunohistochemistry, Immunoprecipitation and ELISA research applications.

Applications IF, ICC, WB, IHC-P, IP, ELISA

Host/Source Rabbit

Reactivity Human, Mouse, Rat, Monkey

PRODUCT PROPERTIES

Clonality Polyclonal

Clone ID

Concentration 1 mg/mL

Conjugation Unconjugated

Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.

Dilution Range IF 1:50-200
WB 1:500-1:2000
IHC 1:100-1:300
IP 2-5 ug/mg ELISA 1:10000

Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Isotype IgG

Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID 5970

Gene Symbol RELA

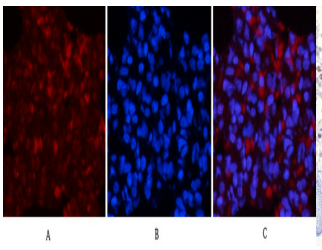
Uniprot ID TF65_HUMAN

Immunogen The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the phosphorylation site of Ser536 at amino acid range 502-551

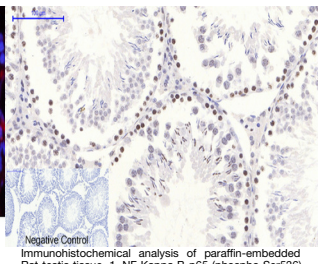
Immunogen Region 470-550

Specificity Phospho-RELA-Ser536 polyclonal antibody (Transcription Factor P65) binds to endogenous Transcription Factor P65 at the amino acid region 470-550 only when phosphorylated at Ser536.

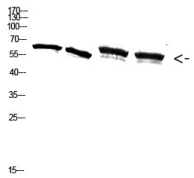
Immunogen Sequence



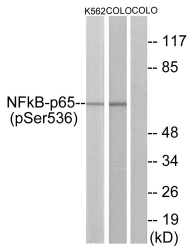
Immunofluorescence analysis of rat-lung tissue. 1, NF Kappa B-p65 (phospho Ser536) Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1, NF Kappa B-p65 (phospho Ser536) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of A549 3T3 293T K562 cells using Antibody diluted at 2000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from K562 cells and COLO cells, using NF-kappaB p65 (Phospho-Ser536) Antibody. The lane on the right is blocked with the phospho peptide.

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