Anti-RELA antibody (450-551) (STJ25333)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

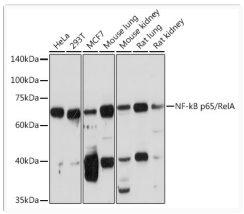
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 60kDa Observed Mw: 65kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

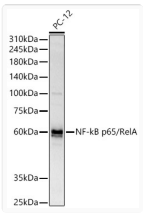
Gene ID	5970
Gene Symbol	RELA
UniProt ID	TF65_HUMAN
Immunogen Region	450-551
Immunogen Sequence	LGALLGNSTDPAVFTDLASV DNSEFQQLLNQGIPVAPHTT EPMLMEYPEAITRLVTGAQR PPDPAPAPLGAPGLPNGLLS GDEDFSSIADMDFSALLSQI S
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 450-550 of human NF-kB p65/RelA (NP_068810.3).

ADDITIONAL INFORMATION

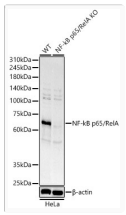
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



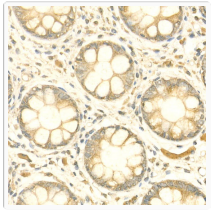
Western blot analysis of extracts of various cell lines, using NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



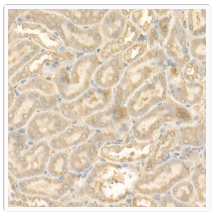
Western blot analysis of various lysates, using NF-kB p65/RelA antibody (STJ25333) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



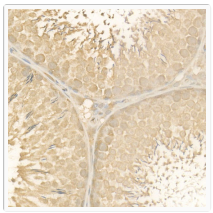
Western blot analysis of extracts from wild type (WT) and NF-kB p65/RelA knockout (KO) HeLa (KO) cells, using NF-kB p65/RelA antibody (STJ25333) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



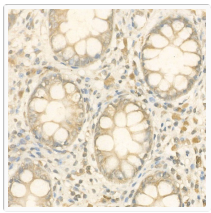
Immunohistochemistry analysis of paraffin-embedded human colon using [KO Validated] NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



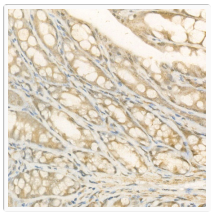
Immunohistochemistry analysis of paraffin-embedded mouse kidney using [KO Validated] NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



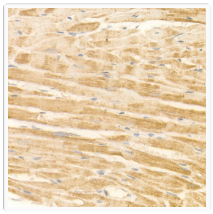
Immunohistochemistry analysis of paraffin-embedded rat testis using [KO Validated] NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



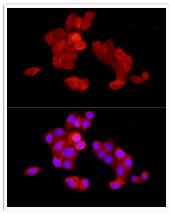
Immunohistochemistry analysis of paraffin-embedded human colon using NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



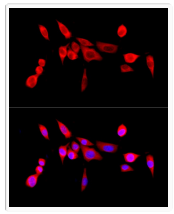
Immunohistochemistry analysis of paraffin-embedded mouse colon using NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



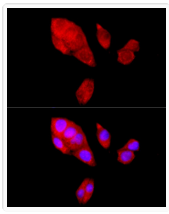
Immunohistochemistry analysis of paraffin-embedded rat heart using NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of HepG2 cells using [KO Validated] NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] NF-kB p65/RelA rabbit polyclonal antibody (STJ25333) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



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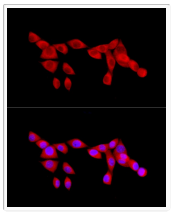

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