

Product Datasheet

RelA/NFkB p65 NLS Antibody (SZ10-04) NBP2-67352

Unit Size: 100 μ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67352

RelA/NFkB p65 NLS Antibody (SZ10-04)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SZ10-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

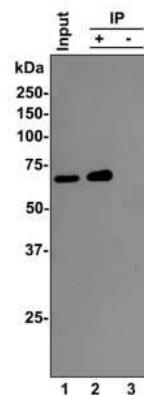
Host	Rabbit
Gene Symbol	RELA
Species	Human, Mouse
Immunogen	Synthetic peptide within human RelA/NFkB p65 NLS aa 490-540. (SwissProt: Q04206 Human; SwissProt: Q04207 Mouse)

Product Application Details

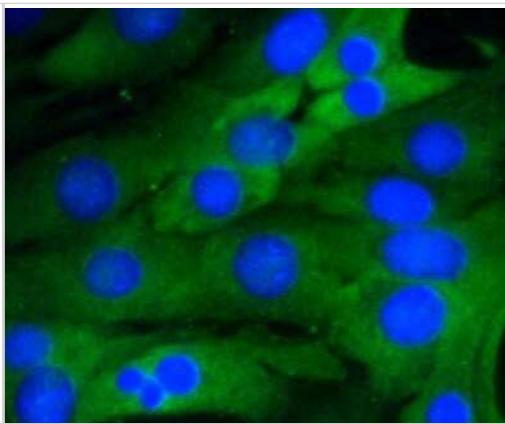
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	IP: Use at an assay dependent concentration.

Images

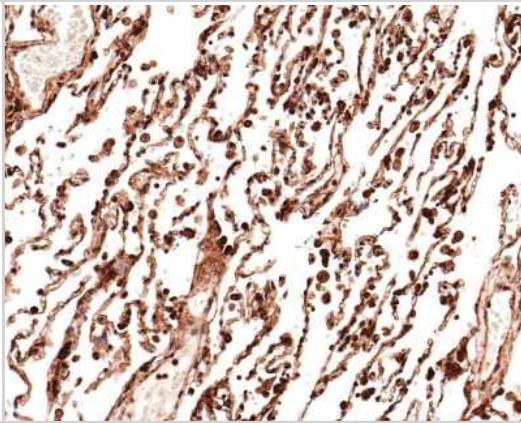
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - RelA/NFkB p65 NLS was immunoprecipitated from 0.5 mg Hela whole cell lysates with NBP2-67352 at 2 ug/mL. Western blot was performed from the immunoprecipitate using NBP2-67352 at 1/500 dilution for 45 minutes at room temperature. Goat anti-Rabbit IgG-HRP Secondary Antibody was used at 1:300,000 dilution for 30 minutes at room temperature. Lane 1: Hela whole cell lysates at 10 ug; Lane 2: RelA/NFkB p65 NLS IP in Hela whole cell lysates; Lane 3: Rabbit IgG instead of RelA/NFkB p65 NLS in Hela whole cell lysates. Predicted band size: 60 kDa Observed band size: 65 kDa Exposure time: 10 seconds; 8% SDS-PAGE gel.



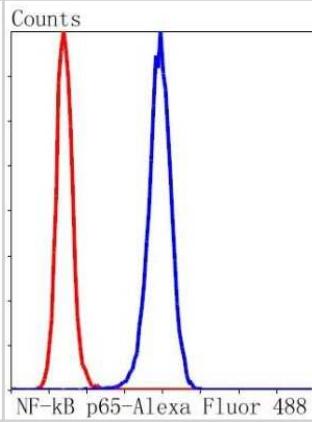
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



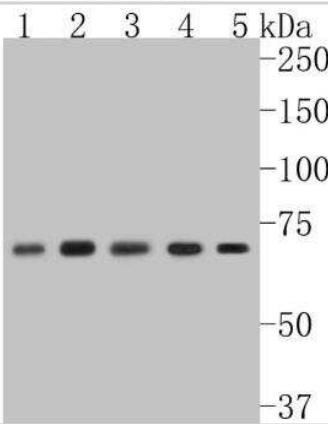
Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung tissue with Rabbit anti-RelA/NFkB p65 antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



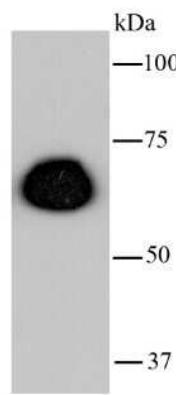
Flow Cytometry: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of HeLa cells with NF-kB p65 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



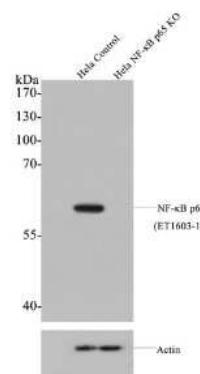
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of NF-kB p65 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Jurkat cell lysate Lane 2: K562 cell lysate Lane 1: THP-1 cell lysate Lane 1: MCF-7 cell lysate Lane 2: Hela cell lysate



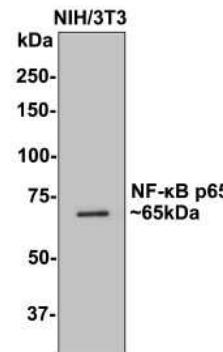
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of NF-kB p65 on hybrid fish (crucian-carp) heart tissue lysate using anti-NF-kB p65 antibody at 1/500 dilution.



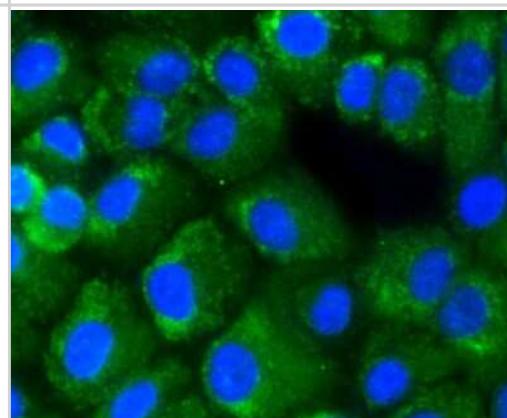
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Western blot analysis of RelA/NFkB p65 NLS on normal (Hela Control) and RelA/NFkB p65 NLS knockout Hela lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was u



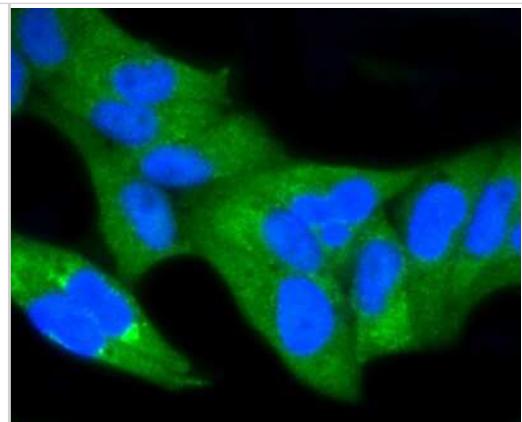
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of RelA/NFkB p65 on NIH/3T3 cell lysates with Rabbit anti-RelA/NFkB p65 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 65 kDa Observed band size: 65 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



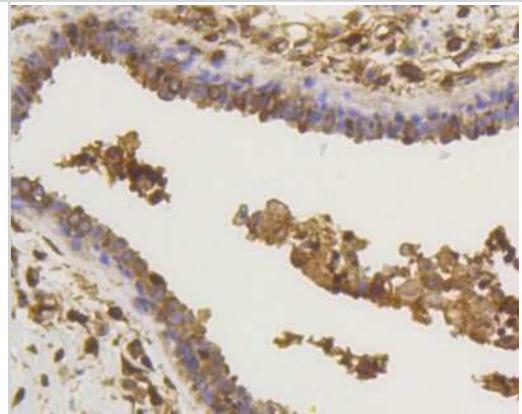
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



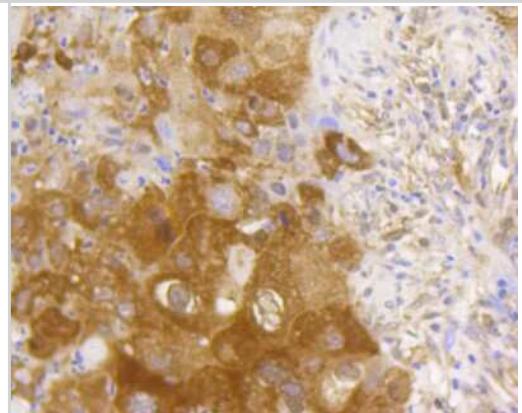
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



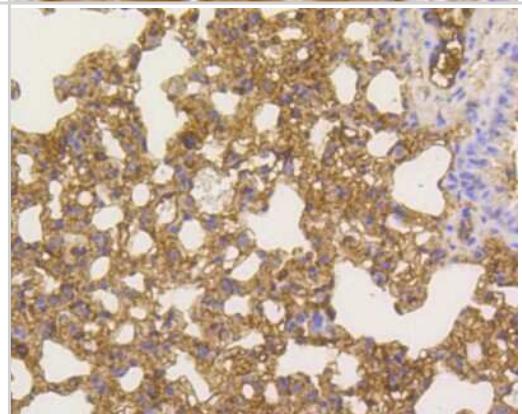
Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



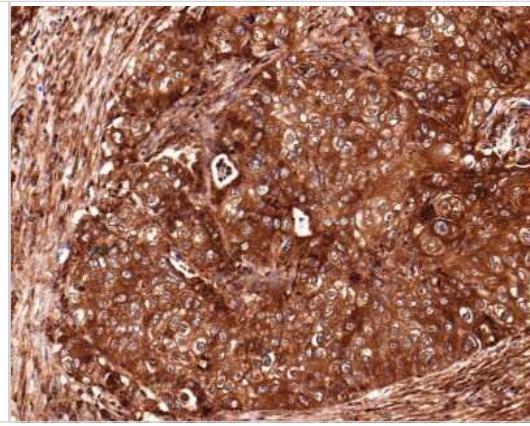
Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung cancer tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded mouse lung tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung squamous cell carcinoma tissue with Rabbit anti-RelA/NFkB p65 antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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