ARG30254
Phospho NFkB p65 Antibody Duo (Total, pT435)

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51516	anti-NFkB p65 phospho (Thr435) antibody	Rabbit pAb	Hu, Ms, Rat	IHC-P, WB	50 µl
ARG65677	anti-NFkB p65 antibody	Mouse mAb	Hu, Ms, Rat	IHC-P, WB	50 µg

Summary

Product Description

Nuclear factor kappa B (NF-κB) is a protein complex that controls large number of genes responsible for the regulation of apoptosis, inflammation, tumorigenesis and a variety of immune responses. NF-κB is sensitive and responsive to stimuli such as cytokines, stress, UV, low oxygen, bacterial or viral infections. In most cell types, NF-κB subunits exist as hetero- or homodimers bound to the inhibitory IκB proteins, which retain the complex mainly in the cytoplasm. Once activated, IκB proteins are phosphorylated by IKKα and IKKβ, leading to the degradation of IκB proteins and nuclear translocation of NF-κB proteins. Post-translation modification such as phosphorylation of NF-κB p65 at Thr435 site leads to transcription activity and NF-κB subunit transactivation.
O'Shea and Perkins. Biochem J. 2010. 426: 345-354
Hayden and Ghosh. (2012) Genes and Dev 26: 203-234 Baeuerle and Henkel. (1994) Ann Rev Immunol 12: 141-179

Related news:
Exploring Antiviral Immune Response

Target Name

NFkB p65

Alternate Names

Phospho NFkB p65 antibody; NFkB p65 phospho (Thr435) antibody; NFkB p65 antibody

Properties

Storage instruction

For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name

Phospho NFkB p65 Antibody Duo (Total, pT435)

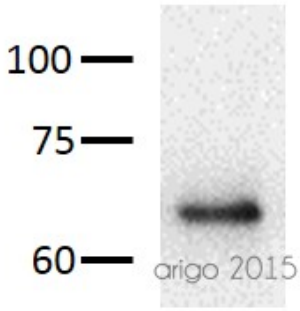
Highlight

Related Product:
anti-NFkB p65 antibody;

Research Area

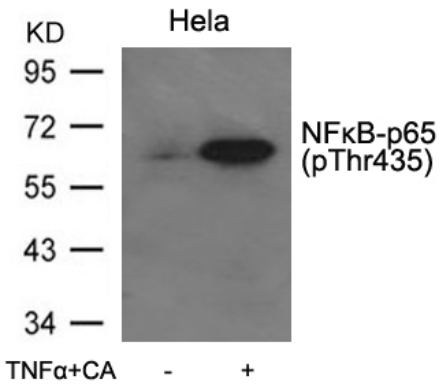
Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Metabolism antibody; Microbiology and Infectious Disease

Images



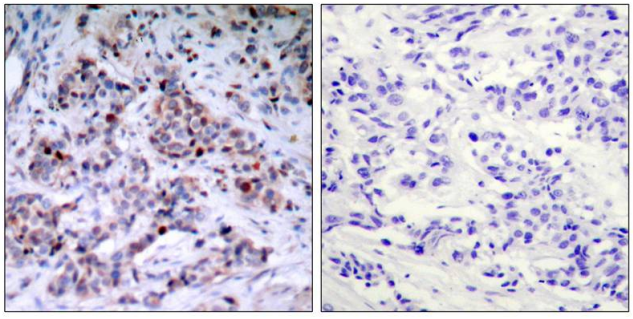
ARG65677 anti-NFkB p65 antibody WB image

Western blot: 30 µg of HeLa cell lysate stained with ARG65677 anti-NFkB p65 antibody at 1:500 dilution.



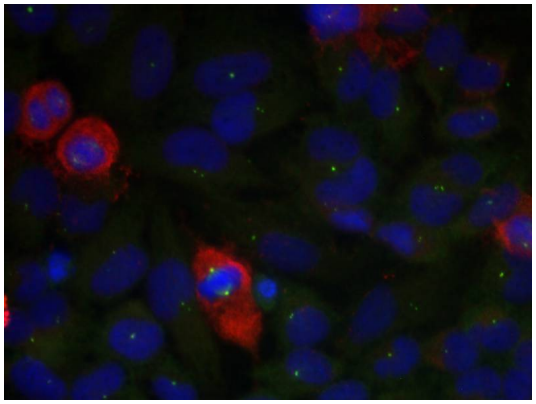
ARG51516 anti-NFkB p65 phospho (Thr435) antibody WB image

Western Blot: extracts from HeLa cells untreated or treated with TNFa+CA stained with anti-NFkB p65 (phospho Thr435) antibody ARG51516.



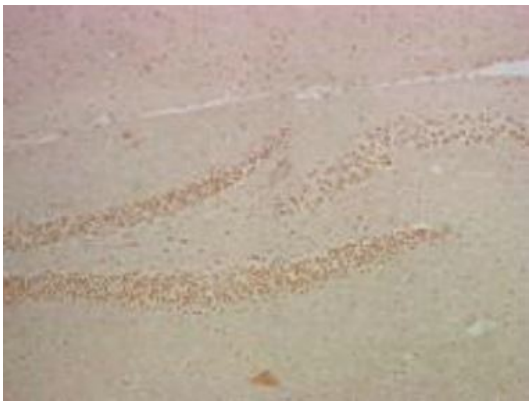
ARG51516 anti-NFkB p65 phospho (Thr435) antibody IHC-P image

Immunohistochemistry: paraffin-embedded human breast carcinoma tissue stained with anti-NFkB p65 (phospho Thr435) antibody ARG51516).



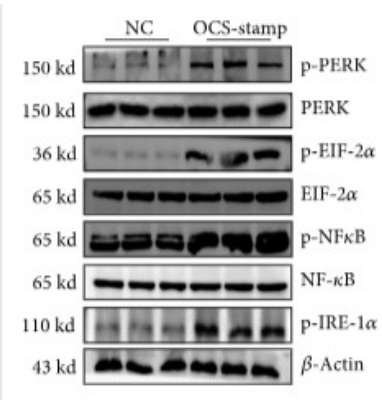
ARG51516 anti-NFkB p65 phospho (Thr435) antibody ICC/IF image

Immunofluorescence: methanol-fixed HeLa cells stained with anti-NFkB p65 (phospho Thr435) antibody ARG51516, Red).



ARG65677 anti-NFkB antibody IHC image

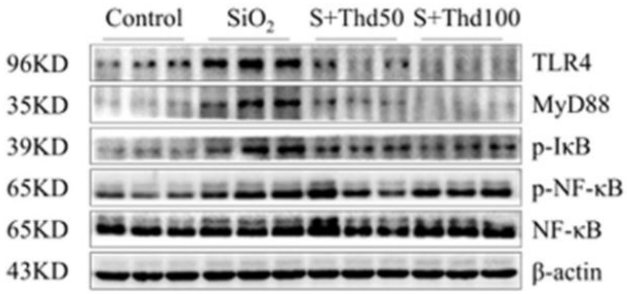
Immunohistochemistry: Mouse hippocampus tissue stained with ARG65677 anti-NFkB antibody at 1:200 dilution.



ARG51516 anti-NFkB p65 phospho (Thr435) antibody WB image

Western blot: MLE-12 stained with ARG51516 anti-NFkB p65 phospho (Thr435) antibody.

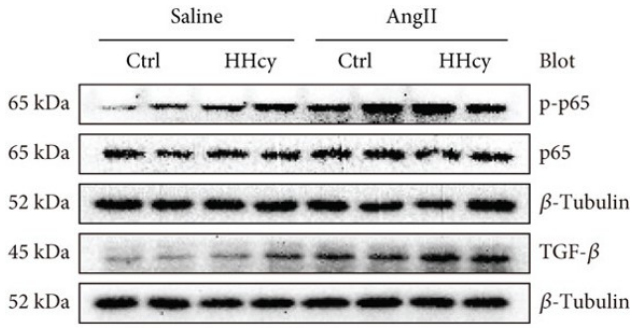
From Tian Li et al. Oxid Med Cell Longev. (2021), doi: 10.1155/2021/4158495, Fig. 3. a.



ARG51516 anti-NFkB p65 phospho (Thr435) antibody WB image

Western blot: Mouse lung stained with ARG20515 anti-CD284 / TLR4 antibody , ARG51516 anti-NFkB p65 phospho (Thr435) antibody and ARG51013 anti-NFkB p65 antibody.

From Li Y et al. International Journal of Molecular Sciences (2022), doi: 10.3390/ijms23105656, Fig. 4B.



ARG65677 anti-NFkB p65 antibody WB image

Western blot: Mouse heart stained with ARG65677 anti-NFkB p65 antibody.

From Deng Y et al. Oxid Med Cell Longev. (2022), doi: 10.1155/2022/1486157, Fig. 2. F.