

## NF- $\kappa$ B p65 Rabbit mAb (AR1357)

### Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	60kD (Calculated) 70kD (Observed)

### Recommended Dilution Ratios

IHC:	1:1000-4000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
-----------	------------

### Immunogen Information

Specificity	Endogenous
-------------	------------

### Target Information

Gene name	RELA
Protein Name	Transcription factor p65

Organism	Gene ID	UniProt ID
Human	5970	Q04206
Mouse	19697	Q04207

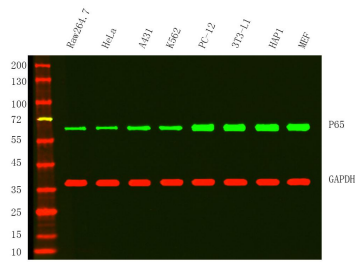
Cellular Localization	Nucleus. Cytoplasm. Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B) (PubMed:1493333). Colocalized with DDX1 in the nucleus upon TNF-alpha induction (PubMed:19058135). Colocalizes with GFI1 in the nucleus after LPS stimulation (PubMed:20547752).
-----------------------	---

Translocation to the nucleus is impaired in *L.monocytogenes* infection (PubMed:20855622).

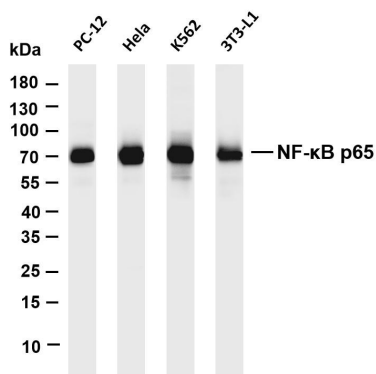
Tissue specificity

Bone, Colon, Pancreas, Placenta

## Validation Data



Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NF- $\kappa$  B p65 antibody diluted at 1:2000. Loading control: Mouse anti GAPDH Secondary: Dylight 800, Goat Anti Rabbit IgG Dylight 680, Goat Anti Mouse IgG.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NF- $\kappa$  B p65 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: PC-12

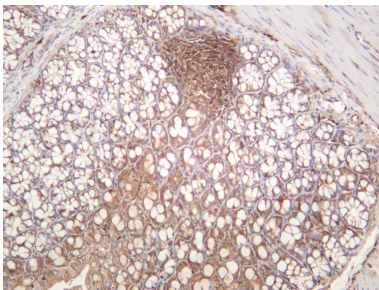
Lane 2: Hela

Lane 3: K562

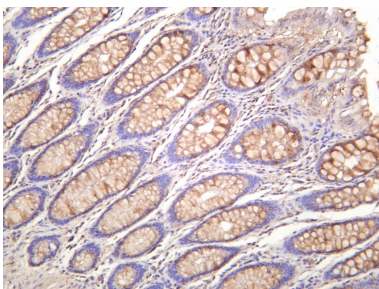
Lane 4: 3T3-L1

Predicted band size: 60kDa

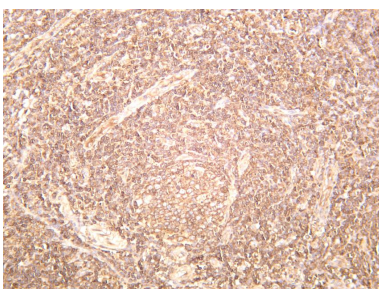
Observed band size: 70kDa



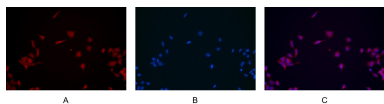
Mouse colon was stained with anti-NF- $\kappa$  B p65 rabbit antibody



Human colon was stained with anti-NF- $\kappa$  B p65 rabbit antibody



Human tonsil was stained with anti-NF- $\kappa$  B p65 rabbit antibody



Immunofluorescence analysis of HEK293.

Picture A: NF-κ B p65 antibody (red).

Picture B: DAPI (blue).

Picture C: Merge of A+B

For Research Use Only