

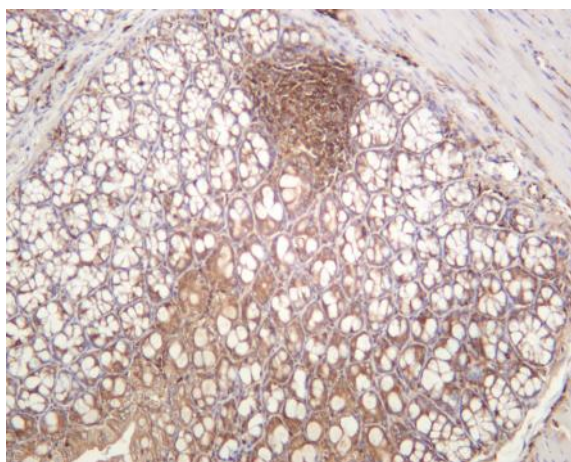
NF- κ B p65 (PT0352R) PT[®] Rabbit mAb

Catalog No :	YM8209
Reactivity :	Human; Mouse; Rat;
Applications :	WB;IHC;IF;IP;ELISA
Target :	NF κ B p65
Fields :	>>Antifolate resistance;>>MAPK signaling pathway;>>Ras signaling pathway;>>cAMP signaling pathway;>>Chemokine signaling pathway;>>NF-kappa B signaling pathway;>>HIF-1 signaling pathway;>>Sphingolipid signaling pathway;>>Mitophagy - animal;>>PI3K-Akt signaling pathway;>>Apoptosis;>>Longevity regulating pathway;>>Cellular senescence;>>Osteoclast differentiation;>>Neutrophil extracellular trap formation;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>Cytosolic DNA-sensing pathway;>>C-type lectin receptor signaling pathway;>>IL-17 signaling pathway;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>T cell receptor signaling pathway;>>B cell receptor signaling pathway;>>TNF signaling pathway;>>Neurotrophin signaling pathway;>>Prolactin signaling pathway;>>Adipocytokine signaling pathway;>>Relaxin signaling pathway;>>Insulin resistance;>>Non-alcoholic fatty liver disease;>>AGE-RAGE signaling pathway in diabe
Gene Name :	RELA
Protein Name :	Transcription factor p65
Human Gene Id :	5970
Human Swiss Prot No :	Q04206
Mouse Gene Id :	19697
Mouse Swiss Prot No :	Q04207
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

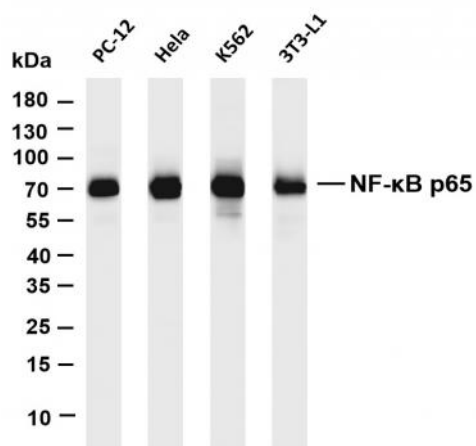
Source :	Monoclonal, rabbit, IgG, Kappa
Dilution :	IHC 1:1000-1:4000, WB 1:1000-1:5000, IF 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200,
Purification :	Protein A
Storage Stability :	-15°C to -25°C/1 year (Do not lower than -25°C)
Molecularweight :	65kD
Observed Band :	70kD
Cell Pathway :	MAPK_ERK_Growth; MAPK_G_Protein; Chemokine; Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview; Toll_Like; NOD-like receptor; RIG-I-like receptor; Cytosolic DNA-sensing pathway; T_Cell_Receptor; B
Background :	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],
Function :	function: NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by in
Subcellular Location :	Cytoplasm, Nucleus
Expression :	Bone, Colon, Pancreas, Placenta,
Tag :	hot, recombinant
Sort :	1

No3 : ab32536**No4 :** 1**Host :** Rabbit**Modifications :** Unmodified

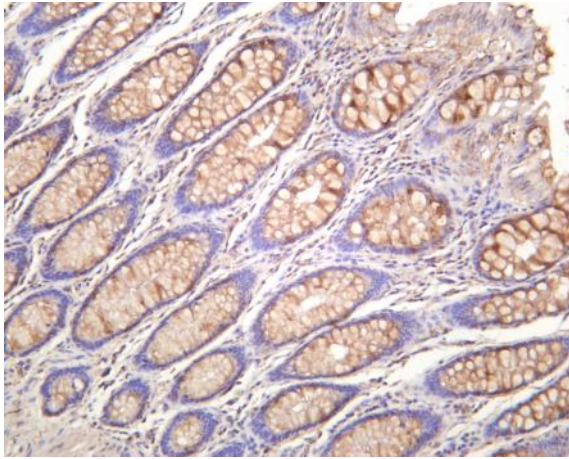
Products Images



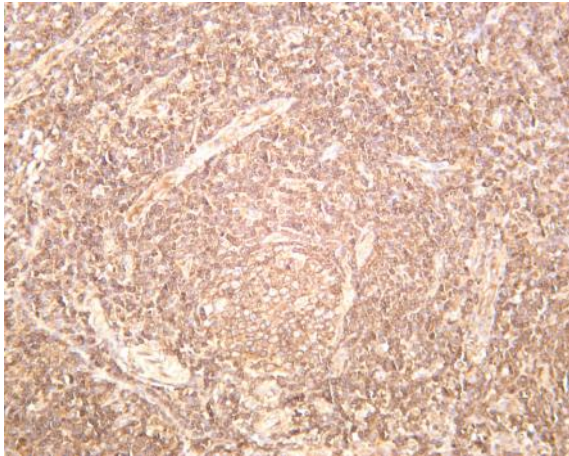
Mouse colon was stained with anti-NF-κB p65 (PT0352R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NF-κB p65 (PT0352R) 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: 65kDa Observed band size: 70kDa



Human colon was stained with anti-NF- κ B p65 (PT0352R) rabbit antibody



Human tonsil was stained with anti-NF- κ B p65 (PT0352R) rabbit antibody