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Product Data Sheet

Anti-NF-kappaB p65 (Phospho-S529) Antibody

Catalog #	Source	Reactivity	Applications
CPA3308	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to NF-kappaB p65 (Phospho-S529)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S529 of human NF-kappaB p65 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of NF-kappaB p65 protein only when phosphorylated at S529.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	RELA
Alternative Names	NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3
Entrez Gene	5970 (Human)
SwissProt	Q04206 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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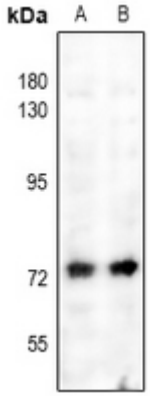
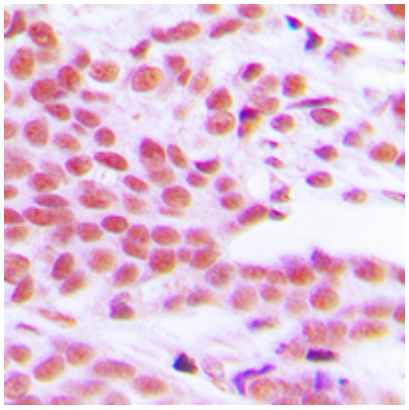


Western blot analysis of NF-kappaB p65 (Phospho-S529) expression in A2780 (A), A549 (B) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 75 kD)



Immunohistochemical analysis of NF-kappaB p65 (Phospho-S529) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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