

Polyclonal Antibody to Human NF kappa B / p50

Alternate names:	NFkB, NFkappaB
Catalog No.:	DP3090
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Host:	Rabbit
Immunogen:	A synthetic peptide corresponding to aa44-61 (LQILEQPKQGRGFRFYVC) of human NF kappa B p50 protein.

Format: This antibody is supplied as liquid, Protein A affinity purified immunoglobulin fraction in 10mM PBS pH 7.4 with 0.09% sodium azide as preservative and 0.2% BSA as stabilizer.

Applications: Immunohistology (Formalin/paraffin): use 10-20 µg/ml for 30 Mins at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Recommended positive control: Testis. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: NF kappa B is a heterodimer consisting of a 50 kD DNA binding subunit and a 65 kD transactivating subunit (RelA). p50 subunit of NFkB has an isoform and both the proteins are derived from larger precursor proteins of 105 and 100 kD respectively. Cellular Localization: Cytoplasmic.
The sequence of the immunizing peptide is 100% identical in mouse, dog and bovine NFkB, 94% identical (17/18) in chicken and 88% identical (16/18) in Xenopus NFkB.

Mol. Wt of Antigen: 50kD.

Storage: Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.

General Readings: 1. Ghosh S, et al. (1998) Annu. Rev. Immun