

Cat. No.: AVARP09048_P050

Product name: NF-kB p105 / p50 antibody



Product Description for NF-kB p105 / p50

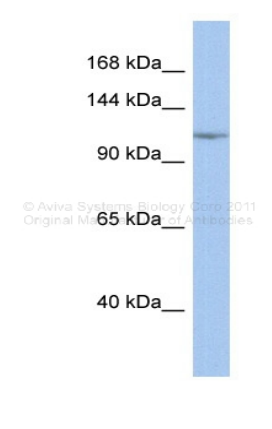
Rabbit anti Bovine, Canine, Human, Mouse, Porcine, Rat NF-kB p105 / p50.

Presentation: Aff - Purified

Product is tested for Paraffin Sections, Western blot / Immunoblot.

Properties for NF-kB p105 / p50

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|------------------|--|
| Product Category | Antibodies |
| Quantity | 50 µg |
| Synonyms | EBP-1, EBP1, FocusOn098, KBF1, NF-kappa-B p50, NFKB1, Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 |
| Presentation | Aff - Purified |
| Reactivity | Hu , Ms , Rt , Can , Bov , Por |
| Applications | WB , P |
| Host | Rabbit |
| Shipping to | Europe only |
| PDF datasheet | View Datasheet |
| Manufacturer | AVIVA Systems Biology |

| | |
|---|---|
| Product Name | NFKB1 antibody - middle region (AVARP09048_P050) |
| Size | 50ug |
| Gene Symbol | NFKB1 |
| Alias Symbols | DKFZp686C01211; EBP-1; KBF1; MGC54151; NF-kappa-B; NFKB-p105; NFKB-p50 |
| Nucleotide Accession# | NM_003998 |
| Protein Accession# | NP_003989 |
| Swissprot Id | P19838-2 |
| Protein Size | 969 amino acids |
| Molecular Weight | 105kDa |
| Product Format | Lyophilized powder |
| NCBI Gene Id | 4790 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity Purified |
| Official Gene Full Name | Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 |
| Description | This is a rabbit polyclonal antibody against NFKB1. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (info@avivasysbio.com). |
| Peptide Sequence | LRDSDSVCDSGVETSFRLKLSFTESLTSGLLTLNKMPHDYQGQEGLEGK |
| Key Reference | Droll,L., (2008) Biochem. Biophys. Res. Commun. 371 (4), 626-629 |
| Description of Target | NFKB1 is a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B. This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. |
| Partner Proteins | ATXN1, CREBBP, ESR1, ESR2, ID3, LMNA, MAPK1, MAPK3, NR0B1, SMARCD3, SP1, SREBF1, SUMO1, TWIST2, UBE2I, YY1, CREBBP, GAL11, LMNA, MAPK1, MAPK3, NR0B1, SP1, TWIST2, UBE2I, YY1 |
| Reconstitution and Storage | Add 50 µl of distilled water. Final anti-NFKB1 antibody concentration is 1 mg/ml in PBS buffer. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles. |
| Lead Time | Domestic: within 24 hours delivery International: 3-5 business days |
| Immunoblot Image 1 Data | WB Suggested Anti-NFKB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 |
| Blocking Peptide | For anti-NFKB1 antibody is Catalog # AAP30581 (Previous Catalog # AAPP01233) |
| Immunogen | The immunogen for anti-NFKB1 antibody: synthetic peptide directed towards the middle region of human NFKB1 |
| Immunoblot Image 1 |  |
| Species Reactivity | Human, Mouse, Rat, Pig, Bovine, Dog |
| Application | WB |
| Computational Homology Based on Immunogen Sequence | Rhesus macaque :100%; Human :100%; Pig :92%; Bovine :92%; Mouse :85%; Dog :85%; Rat :78%; |

Datasheet Extract

Immunogen Swiss Prot Num:P19838

Antibody type Ab

Targets NF-kB p105 / p50 antibody

GENTAUR