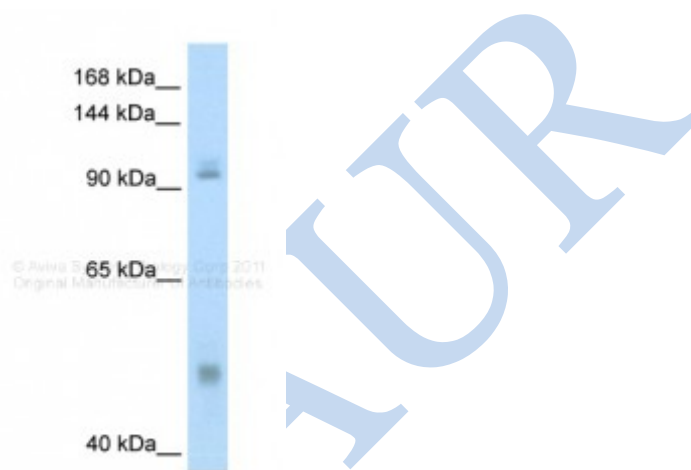


Cat. No.: ARP38413_P050

Product name: NF-kB p105 / p50 antibody



Product Description for NF-kB p105 / p50

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

Presentation: Aff - Purified

Product is tested for Western blot / Immunoblot.

Properties for NF-kB p105 / p50

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 , Chk , Zebrafish
Applications	WB
Host	Rabbit

Size	50ug
Gene Symbol	NFKB1
Alias Symbols	p50;KBF1;p105;EBP-1;NFKB-p50;NFkappaB;NF-kappaB;NFKB-p105;NF-kappa-B
Nucleotide Accession#	NM_003998
Protein Accession#	NP_003989
Swissprot Id	P19838
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	PEQMFHLDPSLTHITFNPEVFPQMALPTDGPYLLQILEQPKQRGFRFRYV
Key Reference	Heinemann,S., et al., (2006) J. Biol. Chem. 281 (13), 8565-8572
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
Partner Proteins	MYD88, TRAF6, CREBBP, EP300, IRAK1, IRF3, KAT2A, KAT2B, MAVS, MYD88, PIAS4, TICAM1, TICAM2, TRAF6, ALK, IRF3, IRF7, TANK
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: 1:1562500 Positive Control: Fetal thymus
Blocking Peptide	For anti-NFKB1 antibody is Catalog # AAP38413 (Previous Catalog # AAPP20603)
Immunogen	The immunogen for anti-NFKB1 antibody: synthetic peptide directed towards the N terminal of human NFKB1
Species Reactivity	Human, Mouse, Rat, Dog, Pig, Bovine, Chicken, Zebrafish
Application	WB
Computational Homology Based on Immunogen Sequence	Pig :100%; Human :100%; Dog :100%; Rat :100%; Mouse :100%; Bovine :100%; Chicken :92%; Green puffer :85%; Zebrafish :85%; Chinese perch :85%; Atlantic salmon :84%; Starlet sea anemone :83%; Western Gorilla :76%; Pygmy chimpanzee :76%; Chimpanzee :76%; Acorn worm :75%;

Datasheet Extract

Swiss Prot Num:

P19838

Immunogen:

Immunogen Polyclonal antibody produced in rabbits immunized with a synthetic peptide corresponding to a region of Human NFKB1 with an internal ID of P20603

Genename:

4790

Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, Belgium

Antibody type	Ab
Add. information	Rabbit Ig G is purified by peptide affinity chromatography method. 105kDa
Application	Suggested dilution at 0.5 ELISA titre using peptide based assay: 1:1562500
Background	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
References	Heinemann,S., et al., (2006) J. Biol. Chem. 281 (13), 8565-8572
Storage	Antibody is lyophilized from PBS buffer with 2% sucrose. Add 50 ul of distilled water. Final antibody concentration is 1 mg/ml. For longer periods of storage, store at -20DegC. Avoid repeat freeze-thaw cycles.
	Purification: Rabbit Ig G is purified by peptide affinity chromatography method.
	Buffer System:
Format	Antibody is lyophilized from PBS buffer with 2% sucrose. Add 50 ul of distilled water. Final antibody concentration is 1 mg/ml. For longer periods of storage, store at -20DegC. Avoid repeat freeze-thaw cycles.
	State: Aff - Purified
Specificity	Species: Human,Mouse,Rat,Dog
Targets	<ul style="list-style-type: none"> NF-kB p105 / p50 antibody