

Rabbit anti-Human NF-kappaB1 Polyclonal Antibody | anti-NF-kappaB1 antibody

Rabbit anti-NF-kappaB1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211642	Rabbit	Human	Immunoprecipitation, Western Blot

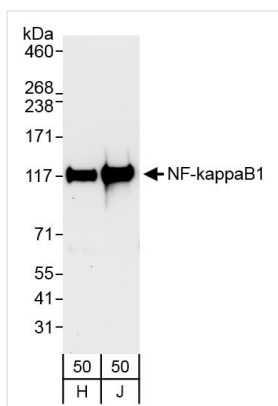
PRODUCT SYNONYMS

NF-kappaB1; Polyclonal Antibody; Rabbit anti-NF-kappaB1 Antibody; Affinity Purified; NFKB-p105; p50; p105; nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; nuclear factor NF-kappa-B p50 subunit; nuclear factor NF-kappa-B p105 subunit; NFKB-p50; NF-kB1; DNA-binding factor KBF1; NF-kappa-B1; NF-kappaB; NFkappaB; KBF1; EBP-1; NF-kappabeta; CVID12; nuclear factor kappa-B DNA binding subunit; Nuclear factor NF-kappa-B p105 subunit; nuclear factor kappa B subunit 1; anti-NF-kappaB1 antibody

PRODUCT SPECIFICATIONS

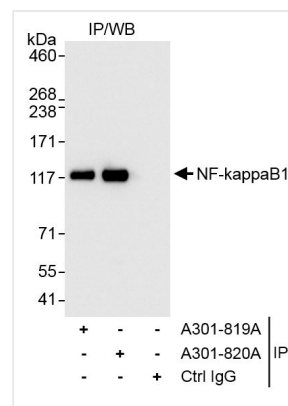
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NF-kappaB1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 918 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NF-kappaB1 by western blot. Samples: Whole cell lysate from HeLa (H; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-NF-kappaB1 antibody AAA211642 (lot AAA211642-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 1 minute.



IP (Immunoprecipitation)

Detection of human NF-kappaB1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-NF-kappaB1 antibody AAA211642 (lot AAA211642-1) used for IP at 3 ug/mg lysate. NF-kappaB1 was also immunoprecipitated by rabbit anti-NF-kappaB1 antibody which recognizes an upstream epitope. For blotting immunoprecipitated NF-kappaB1, AAA211642 was used at 0.4 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NF-kappaB1 antibody	The NFKB1 gene encodes a 105 kDa protein that can undergo co-translational processing to also yield a 50 kDa protein. The 50 kDa protein is also known as NF-kappa B1/p50 and is one of five monomeric subunits that are part of the Rel family of proteins that dimerize to form the NF-kappa B (nuclear factor that binds the kappa immunoglobulin light chain gene enhancer) transcription factor. Members of the Rel family of proteins include NF-kappa B1/p50, NF-kappa B2/p52, RelA/p65, c-Rel, and RelB. The 105 kDa product is also known as p105 or I kappa B gamma. p105/I kappa B gamma has been shown to function as an inhibitor protein that interacts with NF-kappa B and inhibit its DNA binding activity. p105/I kappa B gamma is a member of the I kappa B family of proteins which includes I kappa B-beta, I kappa B-delta/NF-kappa B2/p100, I kappa B-gamma/NF-kappa B1/p105, I kappa B-epsilon, I kappa B-zeta, and Bcl3. The classical description of the NF-kappa B transcription factor is a transcription factor that reprograms gene expression of the immune system in response to injury, infection, and stress.
Product Categories/Family for anti-NF-kappaB1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577122
NCBI GeneID	4790
NCBI Accession #	NP_003989.2
NCBI GenBank Nucleotide #	NM_003998.3
UniProt Accession #	P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8
Molecular Weight	85,520 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 1
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
NCBI Official Symbol	NFKB1
NCBI Official Synonym Symbols	p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	NFKB1
UniProt Entry Name	NFKB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nf-kappab1-antibody-immunoprecipitation-western-blot-elisa/211642>