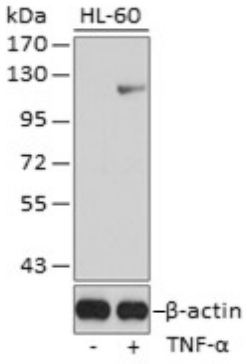
Product Name:	Phospho-NFKB1-S927 Rabbit pAb
Catalog #:	Z4102-20; Z4102-100
Also Known As:	NFKB1; CVID12; EBP-1; KBF1; NF-kB1; NF-kappa-B; NF-kappaB; NFKB-p105; NFKB-p50; NFkappaB;
Quantity:	20 µl for Z4102-20; 100 µl for Z4102-100
Concentration:	See labels on tube
Host Species:	Rabbit
Isotype:	IgG
Reactivity:	Human
Immunogen:	A synthetic phosphorylated peptide surrounding S927 of human NFKB1 (NP_001158884).
Swiss Prot. #:	P19838
Calculated MW:	105 kDa
Detected MW:	120 kDa
Applications:	WB (1:500 - 1:2,000) IP (not tested) IHC (not tested) IF (not tested) Note: Antibody dilution should be optimized by users.

Images:



Immunoblotting 25 µg whole cell extracts of HL60 cell line using Phospho-NFKB1-S927 antibody (Z4102) at 1:1,000 dilution.

Purification:	Protein A or G affinity purification
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage:	Store at -20°C. Centrifuge to maximize product recovery.
Background:	NFKB1 is a member of the NF kappa B/Rel family of transcription factors. There are five family members in mammals: RelA, c-Rel, RelB, NFKB1 (p105/p50), and NFKB2 (p100/p52). NFKB-activating agents can induce the phosphorylation of IκB proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NFKB to enter the nucleus where it regulates gene expression. Phosphorylation at Ser927 and Ser932 are required for BTRC/BTRCP-mediated proteolysis.
Reference:	1. Meyer R, et al. (1991) Proc Nat Acad Sci USA 88, 966 - 970. 2. Orian A, et al. (2000) EMBO J 19, 2580 - 2591.