

Product Datasheet

IKK gamma Antibody (72C627) - BSA Free NB100-56542

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-56542

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-56542



NB100-56542

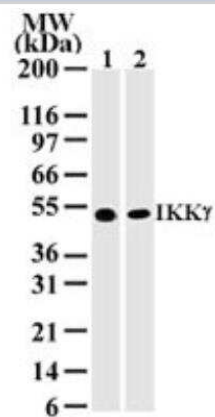
IKK gamma Antibody (72C627) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	72C627
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	8517
Gene Symbol	IKBKG
Species	Human, Mouse
Immunogen	This antibody was raised against a His-tagged full-length human IKK3/IKKg protein.
Product Application Details	
Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 2-5 ug/ml, Simple Western 1:200
Application Notes	A 48 kDa band is observed.

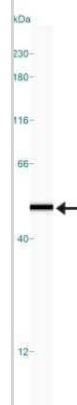


Images

Western Blot: IKK gamma Antibody (72C627) [NB100-56542] - Analysis using IKK gamma (NEMO) antibody. Lysate from 1) human Jurkat and 2) mouse NIH 3T3 cells probed with IKK gamma antibody at 2 ug/ml.



Simple Western: IKK gamma Antibody (72C627) [NB100-56542] - Simple Western lane view shows a specific band for IKK gamma in 0.05 mg/ml of Jurkat lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Harikumar KB, Sung B, Pandey MK et al. Escin, a pentacyclic triterpene, chemosensitizes human tumor cells through inhibition of nuclear factor-kappaB signaling pathway *Mol Pharmacol* 2010-05-01 [PMID: 20103608]

Details:

This citation used the Alexa Fluor 488 version of this antibody.

Konrath F, Witt J, Sauter TK, Kulms D. Identification of new I κ B α complexes by an iterative experimental and mathematical modeling approach. *PLoS Comput. Biol.* 2014-03-01 [PMID: 24675998] (WB, Human)

Details:

kB epithelial carcinoma cell line, Fig 5E-G. The specificity of the I κ B γ mAb was validated with an IP/WB assay by showing in WB that it recognized I κ B γ IP'd from kB cells with a different I κ B γ antibody (Fig 5G).

Ren T, Takahashi Y, Liu X et al. HTLV-1 Tax deregulates autophagy by recruiting autophagic molecules into lipid raft microdomains. *Oncogene* 2013-12-23 [PMID: 24362528] (WB, Human)

Lamothe B, Campos AD, Webster WK et al. The RING domain and first zinc finger of TRAF6 coordinate signaling by interleukin-1, lipopolysaccharide, and RANKL. *J Biol Chem.* 2008-09-05 [PMID: 18617513] (WB, Mouse)

Han HS, Karabiyikoglu M, Kelly S et al. Mild hypothermia inhibits nuclear factor-kappaB translocation in experimental stroke. *J Cereb Blood Flow Metab.* 2003-05-01 [PMID: 12771574]

Details:

Products cited for western blot in male Sprague-Dawley rats ischemic cortex, ischemic subcortex, contralateral cortex, and contralateral subcortex tissue. The rats were subject to mild and delayed hypothermia. 1. IKK-gamma (IMG-324A): Fig 4A & 4B. 2. I κ B-

Wunderlich FT, Luedde T, Singer S et al. Hepatic NF-kappa B essential modulator deficiency prevents obesity-induced insulin resistance but synergizes with high-fat feeding in tumorigenesis. *Proc Natl Acad Sci U S A.* 2008-01-29 [PMID: 18216263] (WB)

Siggs OM, Berger M, Krebs P et al. A mutation of I κ B γ causes immune deficiency without impairing degradation of I κ B α . *Proc Natl Acad Sci U S A.* 2010-02-16 [PMID: 20133626]

Details:

NEMO (IMG-324A): WB (mouse macrophage lysates), Fig 2C.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-56542

NB800-PC2	Jurkat Whole Cell Lysate
NBP2-26504	IKK gamma Inhibitor Peptide Set
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-56542

Earn gift cards/discounts by submitting a publication using this product:

www.novusbio.com/publications

