

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.

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Publications: 7

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NB100-56542

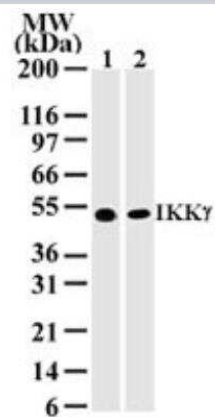
IKK gamma Antibody (72C627) - BSA Free

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	
Description	Novus Biologicals Mouse IKK gamma Antibody (72C627) - BSA Free (NB100-56542) is a monoclonal antibody validated for use in WB and Simple Western. Anti-IKK gamma Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

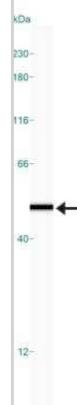


Images

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.



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Products Related to NB100-56542

NB800-PC2	Jurkat Whole Cell Lysate
NBP2-26504	IKK gamma Inhibitor Peptide Set
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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.

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