

# Product Datasheet

## I $\kappa$ B-alpha Antibody - BSA Free NB120-22071

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB120-22071](http://www.novusbio.com/NB120-22071)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB120-22071](http://www.novusbio.com/reviews/destination/NB120-22071)



**NB120-22071**I $\kappa$ B-alpha Antibody - 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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

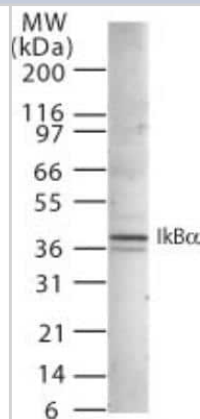
Product Description	
Description	Novus Biologicals Rabbit I $\kappa$ B-alpha Antibody - BSA Free (NB120-22071) is a polyclonal antibody validated for use in IHC and WB. Anti-I $\kappa$ B-alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4792
Gene Symbol	NFKBIA
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28765552). Cross-reacts with Human. It will cross-react with mouse and rat I $\kappa$ B alpha, based on BLAST.
Immunogen	A synthetic peptide corresponding to amino acids 34-48 of human I $\kappa$ B-alpha was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	In Jurkat, a 40 kDa band is observed.

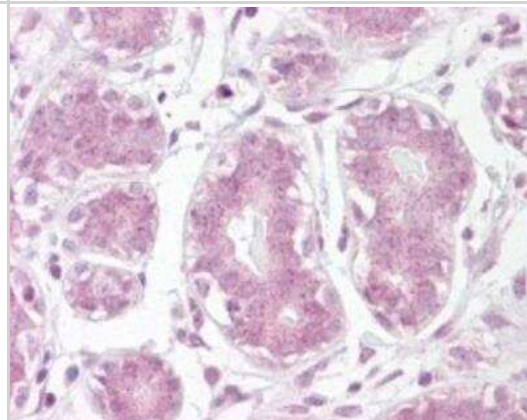


## Images

Western Blot: I $\kappa$ B-alpha Antibody [NB120-22071] - Analysis of I $\kappa$ B-alpha in 20  $\mu$ g of human Jurkat lysate using 2  $\mu$ g/ml.



Immunohistochemistry-Paraffin: I $\kappa$ B-alpha Antibody [NB120-22071] - Analysis of human breast using I $\kappa$ B-alpha antibody at 10  $\mu$ g/ml.



## Publications

Gimenes SNC, Lopes DS, Alves PT et al. Antitumoral effects of  $\gamma$ CdcPLI, a PLA2 inhibitor from *Crotalus durissus collilineatus* via PI3K/Akt pathway on MDA-MB-231 breast cancer cell Sci Rep 2017-08-01 [PMID: 28765552] (WB, Mouse)



### **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 NB120-22071**

---

NB800-PC2	Jurkat Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB120-22071](http://www.novusbio.com/reviews/submit/NB120-22071)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

