

# Product Datasheet

## I $\kappa$ B-epsilon Antibody - BSA Free NBP1-87762

Unit Size: 0.1 ml

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

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Updated 12/2/2025 v.20.1

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**NBP1-87762**I $\kappa$ B-epsilon Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

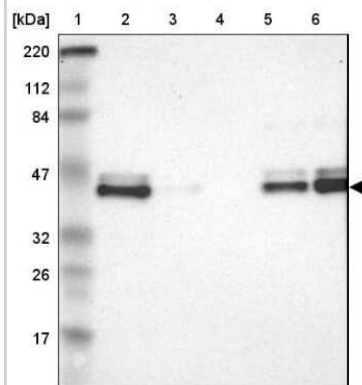
Product Description	
Description	Novus Biologicals Rabbit I $\kappa$ B-epsilon Antibody - BSA Free (NBP1-87762) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4794
Gene Symbol	NFKBIE
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEESQYDSGIESLRSLRSLPESTSAPASGPSDGSPQPCTHPPGPVKEPQEKED ADGERADSTYGSSSLTYTLSELLGGPEAEDPAPRLPLPHVGGALSPQQLEALTYIS EDGDTLVHLAVIHEAPAVLLCCLALLPQEVLDIQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

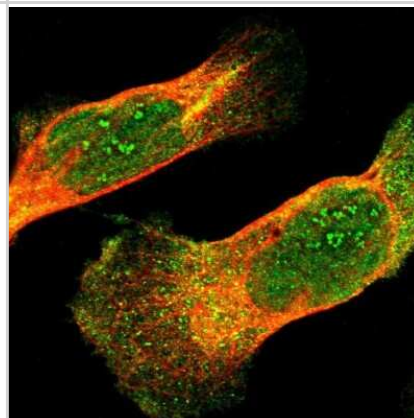


## Images

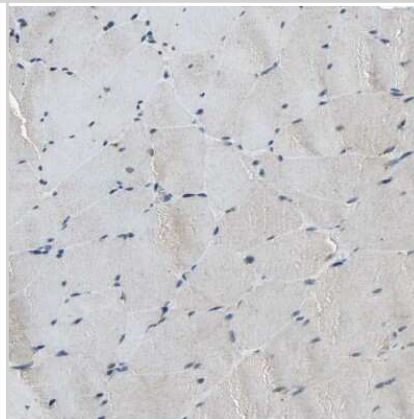
Western Blot: IκB-epsilon Antibody [NBP1-87762] - Lane 1: Marker [kDa] 220, 112, 84, 47, 32, 26, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



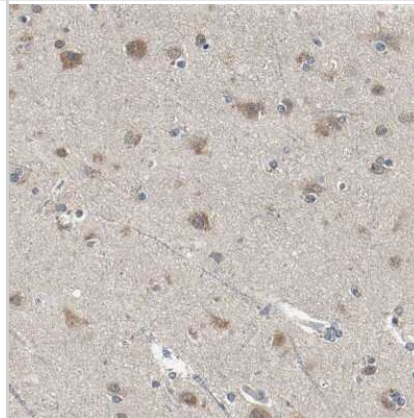
Immunocytochemistry/Immunofluorescence: IκB-epsilon Antibody [NBP1-87762] - Staining of human cell line U-2 OS shows localization to nucleus, nucleoli fibrillar center & cytosol.



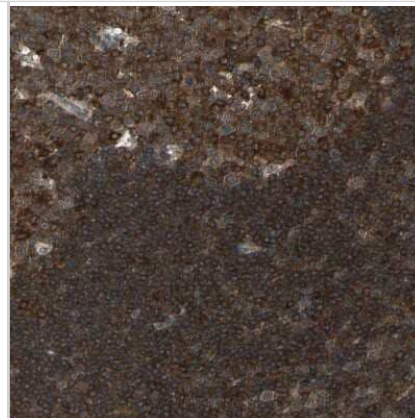
Immunohistochemistry-Paraffin: IκB-epsilon Antibody [NBP1-87762] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



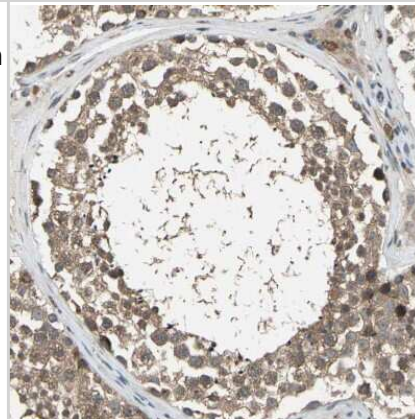
Immunohistochemistry-Paraffin: IκB-epsilon Antibody [NBP1-87762] - Staining of human cerebral cortex shows weak to moderate cytoplasmic positivity in neurons.



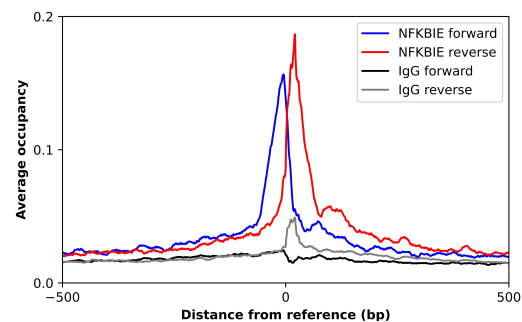
Immunohistochemistry-Paraffin: I $\kappa$ B-epsilon Antibody [NBP1-87762] - Staining of human lymph node shows strong cytoplasmic positivity.



Immunohistochemistry-Paraffin: I $\kappa$ B-epsilon Antibody [NBP1-87762] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



ChIP-Exo-Seq composite graph for Anti-I $\kappa$ B-epsilon tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP1-87762**

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NBP1-87762PEP	IkB-epsilon Recombinant Protein Antigen
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

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### **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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