

# Product Datasheet

## Plasma Kallikrein/KLKB1 Antibody (JE31-29) NBP3-32506

Unit Size: 100 ul

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

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**NBP3-32506**

Plasma Kallikrein/KLKB1 Antibody (JE31-29)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE31-29
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	71 kDa

Product Description	
Description	Novus Biologicals Rabbit Plasma Kallikrein/KLKB1 Antibody (JE31-29) (NBP3-32506) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3818
Gene Symbol	KLKB1
Species	Human
Immunogen	Synthetic peptide within Human Plasma Kallikrein/KLKB1 aa 589-638 / 638. (Uniprot: P03952)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200



## Images

Western Blot: Plasma Kallikrein/KLKB1 Antibody (JE31-29) [NBP3-32506] - Western blot analysis of Plasma Kallikrein/KLKB1 on human liver tissue lysates with Rabbit anti-Plasma Kallikrein/KLKB1 antibody (NBP3-32506) at 1/1,000 dilution.

Lysates/proteins at 30 ug/Lane.

Predicted band size: 71 kDa

Observed band size: 71 kDa

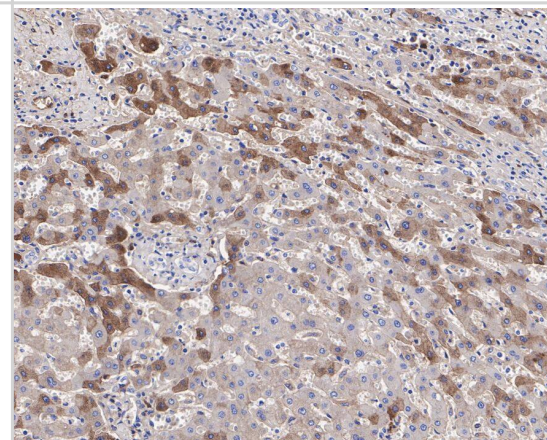
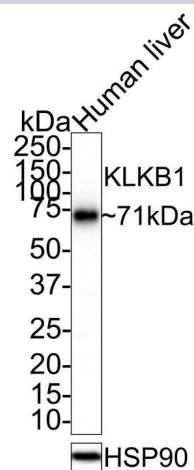
Exposure time: 1 minute 30 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32506) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Plasma Kallikrein/KLKB1 Antibody (JE31-29) [NBP3-32506] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-Plasma Kallikrein/KLKB1 antibody (NBP3-32506) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32506) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32506**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DY4517-05	Neutrophil Elastase/ELA2 [Biotin]

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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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