

# Product Datasheet

## Kallikrein 1 Antibody NB100-57855

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NB100-57855**

## Kallikrein 1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

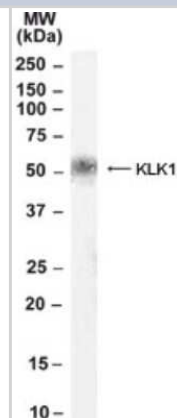
Product Description	
Description	Novus Biologicals Goat Kallikrein 1 Antibody (NB100-57855) is a polyclonal antibody validated for use in WB and ELISA. Anti-Kallikrein 1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	3816
Gene Symbol	KLK1
Species	Human
Immunogen	Peptide with sequence PNDECKKAHVQK corresponding to internal region according to NP_002248.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Approx. 55 kDa band observed in human kidney, pancreas and skin lysates is reported in scientific literature (PMID: 17259996).



## Images

Western Blot: Kallikrein 1 Antibody [NB100-57855] - Analysis of Kallikrein 1 in human kidney lysate (35ug protein in RIPA buffer) using NB100-57855 at 0.1ug/ml.



Western Blot: Kallikrein 1 Antibody [NB100-57855] - (0.5ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Montanari D, Yin H, Dobrzynski E et al. Kallikrein gene delivery improves serum glucose and lipid profiles and cardiac function in streptozotocin-induced diabetic rats. *Diabetes* 2005-05-01 [PMID: 15855348]

Gao BB, Clermont A, Rook S et al. Extracellular carbonic anhydrase mediates hemorrhagic retinal and cerebral vascular permeability through prekallikrein activation. *Nat Med* 2007-02-01 [PMID: 17259996]



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### **Products Related to NB100-57855**

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NB820-59231	Human Kidney Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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