

# Product Datasheet

## Kv4.1 Antibody - BSA Free NBP1-81336

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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**NBP1-81336**

Kv4.1 Antibody - BSA Free

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

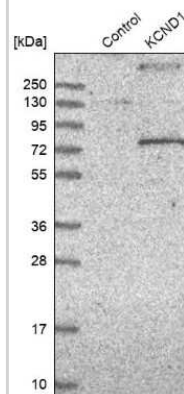
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3750
<b>Gene Symbol</b>	KCND1
<b>Species</b>	Human, Invertebrate
<b>Reactivity Notes</b>	Use in Invertebrate reported in scientific literature (PMID:32821839).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: NTLD RY P D T L L G S S E K E F F Y D A D S G E Y F F D R D P D M F R H V L N F Y R T G R L H C P R Q E C I Q A F D E E L A F Y G L V P E L V G D C C L E E Y R D R K K E N A E R L A E D E E A E Q

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

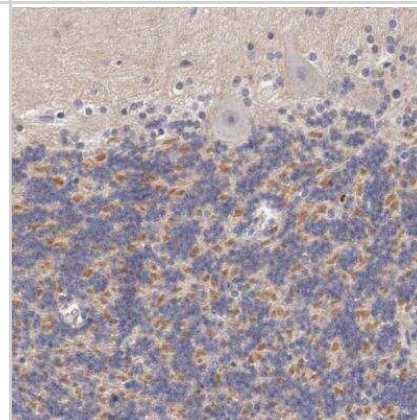


## Images

Western Blot: Kv4.1 Antibody [NBP1-81336] - Analysis in control (vector only transfected HEK293T lysate) and KCND1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: Kv4.1 Antibody [NBP1-81336] - Staining of human cerebellum shows moderate positivity in granular layer.



## Publications

Yang S, Wang Y, Wang L et al. Target switch of centipede toxins for antagonistic switch Sci Adv 2020-08-01 [PMID: 32821839] (WB, Invertebrate)



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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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