

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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Publications: 1

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Updated 10/28/2025 v.20.1

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NBP1-81336

Kv4.1 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

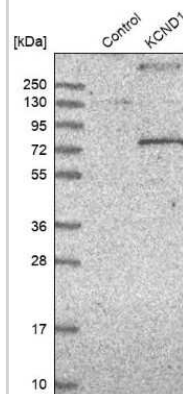
Product Description	
Description	Novus Biologicals Rabbit Kv4.1 Antibody - BSA Free (NBP1-81336) is a polyclonal antibody validated for use in IHC and WB. Anti-Kv4.1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3750
Gene Symbol	KCND1
Species	Human, Invertebrate
Reactivity Notes	Use in Invertebrate reported in scientific literature (PMID:32821839).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NTLDRYPD TLLGSSEKEFFYDADSGEYFFDRDPDMFRHVLNFYRTGRLHCPR QECIQAFDEELAFYGLVPELVGDCCLEEYRDRKKENAERLAEDEEEAEQ

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

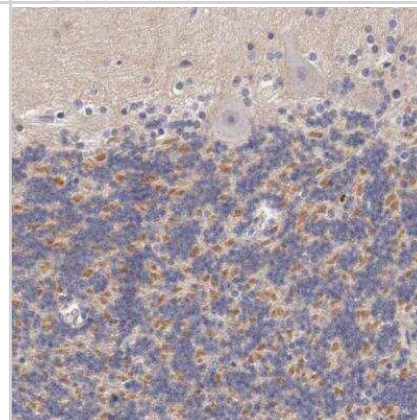


Images

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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Products Related to NBP1-81336

NBP1-81336PEP	Kv4.1 Recombinant Protein Antigen
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.

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