

Product Datasheet

Kv7.5 Antibody - BSA Free

NBP1-82861

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

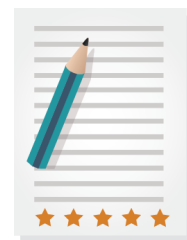
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Updated 9/9/2025 v.20.1

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NBP1-82861

Kv7.5 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

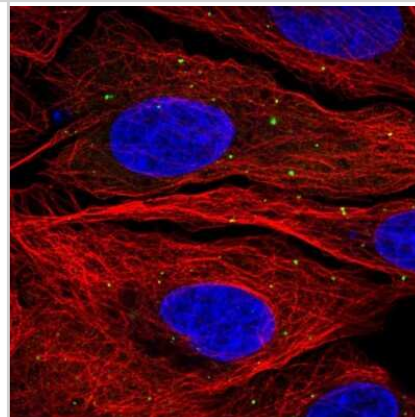
Product Description	
Description	Novus Biologicals Rabbit Kv7.5 Antibody - BSA Free (NBP1-82861) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56479
Gene Symbol	KCNQ5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LALASFQIPPFCEQTSYQSPVDSKDLGSAQNSGCLSRSTSANISRGLQFIL TPNEFSAQTFYALSPTMHSQATQVPISQSDGSAVAATNTIANQINTAPKPAAPT TLQIPPL

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

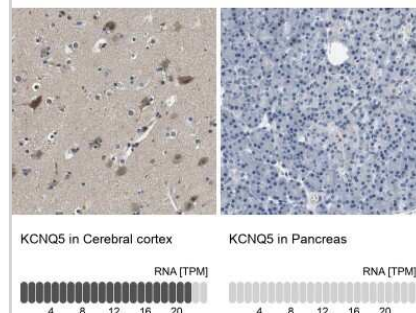


Images

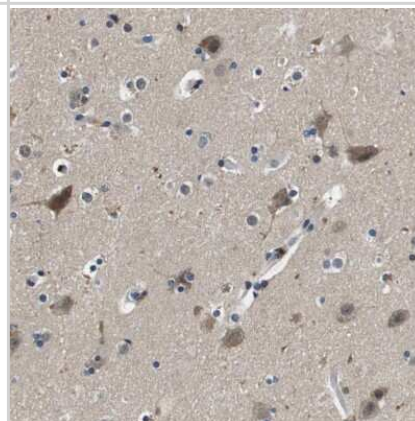
Immunocytochemistry/Immunofluorescence: Kv7.5 Antibody [NBP1-82861] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



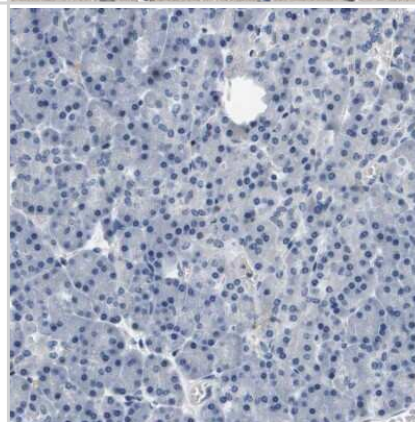
Immunohistochemistry-Paraffin: Kv7.5 Antibody [NBP1-82861] - Staining in human cerebral cortex and pancreas tissues using anti-KCNQ5 antibody. Corresponding KCNQ5 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Kv7.5 Antibody [NBP1-82861] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: Kv7.5 Antibody [NBP1-82861] - Staining of human pancreas shows low expression as expected.





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Products Related to NBP1-82861

NBP1-82861PEP	Kv7.5 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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