

# Product Datasheet

## QKI/Quaking Antibody - BSA Free NBP1-87178

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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**NBP1-87178**

QKI/Quaking 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

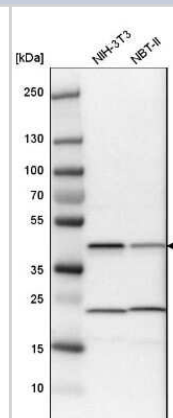
<b>Description</b>	Novus Biologicals Rabbit QKI/Quaking Antibody - BSA Free (NBP1-87178) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9444
<b>Gene Symbol</b>	QKI
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RAEIKLKRAVEEVKKLLVPAAEGEDSLKKMQLMELAILNGTYRDANIKSPALAFS LAATAQAAPRIITGPAPVLPPAALRTPTPAGPTIMPLIRQIQTAVMPNGTPHPTAA IVPPGPEAGLIYTPYEYPYTLAPATSILEYPIEPSGVL

**Product Application Details**

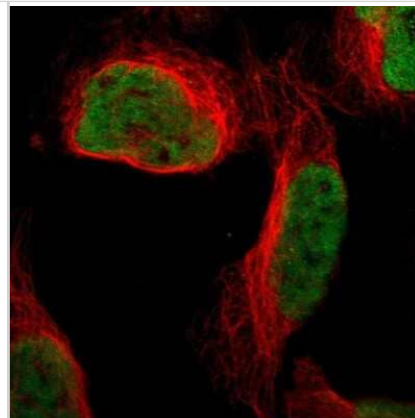
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

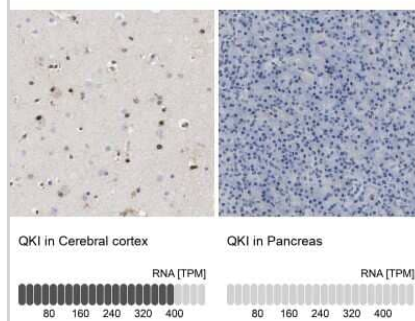
Western Blot: QKI/Quaking Antibody [NBP1-87178] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



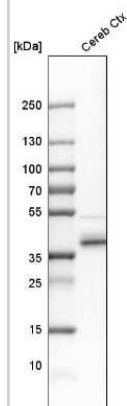
Immunocytochemistry/Immunofluorescence: QKI/Quaking Antibody [NBP1-87178] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



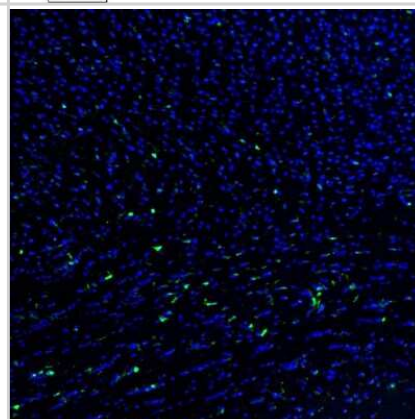
Immunohistochemistry-Paraffin: QKI/Quaking Antibody [NBP1-87178] - Staining in human cerebral cortex and pancreas tissues . Corresponding QKI RNA-seq data are presented for the same tissues.



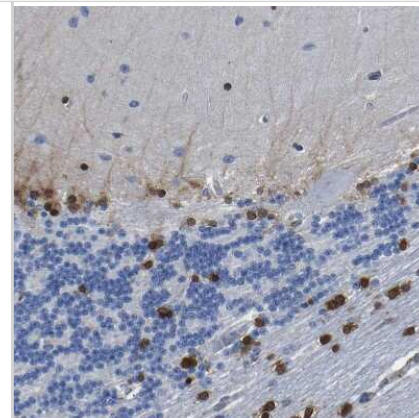
Western Blot: QKI/Quaking Antibody [NBP1-87178] - Analysis in human cerebral cortex tissue.



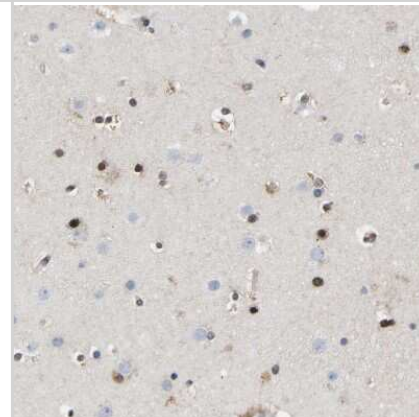
Immunohistochemistry: QKI/Quaking Antibody [NBP1-87178] - Staining of mouse brain shows strong positivity in a subset of glial cells in the cerebral cortex.



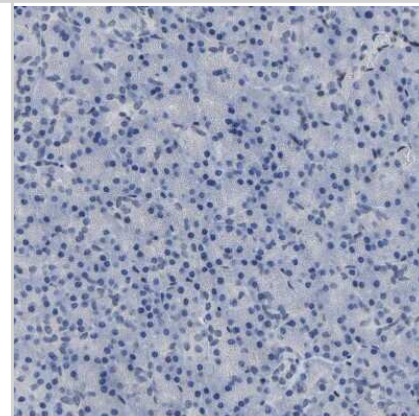
Immunohistochemistry-Paraffin: QKI/Quaking Antibody [NBP1-87178] - Staining of human cerebellum shows moderate to strong nuclear positivity in glial cells.



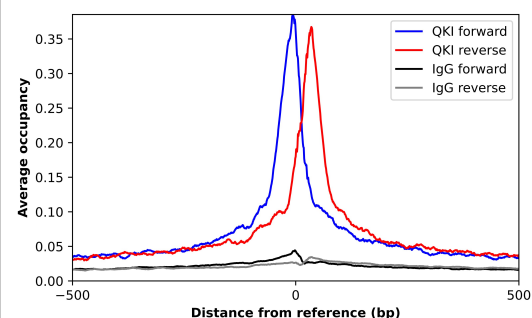
Immunohistochemistry-Paraffin: QKI/Quaking Antibody [NBP1-87178] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in glial cells.



Immunohistochemistry-Paraffin: QKI/Quaking Antibody [NBP1-87178] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



ChIP-Exo-Seq composite graph for Anti-QKI (NBP1-87178) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP1-87178**

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NBP1-87178PEP	QKI/Quaking 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

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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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