

# Product Datasheet

## Kv1.2 Antibody NBP1-42802SS

Unit Size: 0.025 ml

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

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### Publications: 3

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**NBP1-42802SS**

Kv1.2 Antibody

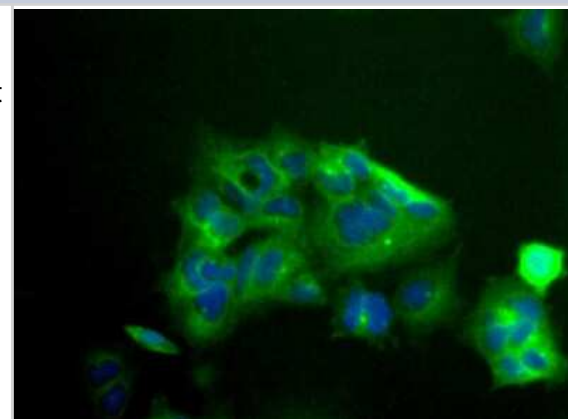
Product Information	
Unit Size	0.025 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	80 kDa

Product Description	
Host	Rabbit
Gene ID	3737
Gene Symbol	KCNA2
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Xenopus, Zebrafish
Specificity/Sensitivity	Does not cross-react with Kv3.1.
Immunogen	Synthetic peptide made to a portion of rat Kv1.2 (within residues 50-100). [Swiss-Prot: P63142]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:250-1:500, Immunoprecipitation 1:10-1:500
Application Notes	In Western blot, a band can be seen at ~80 kDa.

**Images**

Immunocytochemistry/Immunofluorescence: Kv1.2 Antibody [NBP1-42802] - Detection of Kv1.2 (Green) in 293 human embryonic kidney cells using NBP1-42802. Nuclei (Blue) are counterstained using Hoechst 33258.



## Publications

Yang YM, Arsenault J, Bah A et al. Identification of a molecular locus for normalizing dysregulated GABA release from interneurons in the Fragile X brain. *Mol. Psychiatry*. 2018-09-17 [PMID: 30224722] (WB, Mouse)

Zhou BY, Ma W, Huang XY. Specific antibodies to the external vestibule of voltage-gated potassium channels block current. *J Gen Physiol*;111(4):555-63. 1998-04-01 [PMID: 9524138] (WB, Human)

Joseph BK, Thakali KM, Pathan AR et al. Postsynaptic Density-95 (PSD95) Scaffolding of Shaker-type K<sup>+</sup> Channels in Smooth Muscle Cells Regulates the Diameter of Cerebral Arteries. *J Physiol*. 2011-09-12 [PMID: 21911612] (WB, ICC/IF, IP, Rat)





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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