

# Product Datasheet

## Kv1 Antibody NBP1-42788

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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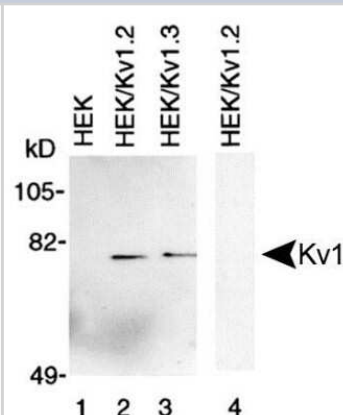
**NBP1-42788**

Kv1 Antibody

Product Information	
Unit Size	0.1 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
Reactivity Notes	Human, mouse, rat, bovine, porcine, canine, Xenopus, Zebrafish and other vertebrates.
Specificity/Sensitivity	Reacts with all members of the Kv1 family. Does not cross-react with Kv3.1.
Immunogen	Synthetic peptide made to rat Kv1.2 (within residues 50-100), which is identical in all members of the Kv1 family.
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Immunoprecipitation 1:10-1:500
Application Notes	<p>This Kv1 antibody is useful for Immunoprecipitation and Western blot, where a band can be seen at ~80 kDa.</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p>

**Images**

Western Blot: Kv1 Antibody [NBP1-42788] - Membrane preparations from HEK-293 cells untransfected (lane 1) transfected with Kv1.2 (lanes 2 and 4) and transfected with Kv1.3 (lane 3) were subjected to 10% SDS-PAGE and were Western blotted with Kv1 Antibody (NBP1-42788). Lane 4 was probed with NBP1-42788 that had been preincubated with the peptide used to generate NBP1-42788.



## Publications

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)



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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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