

# Product Datasheet

## Kv1.2 Antibody NBP1-42818

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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**NBP1-42818**

Kv1.2 Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<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>	0.1% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera
<b>Target Molecular Weight</b>	80 kDa

**Product Description**

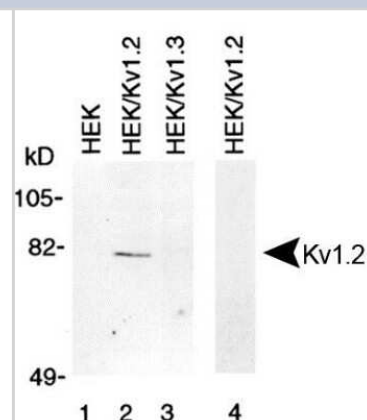
<b>Host</b>	Rabbit
<b>Gene ID</b>	3737
<b>Gene Symbol</b>	KCNA2
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Rabbit, Xenopus
<b>Reactivity Notes</b>	Human, mouse, rat, rabbit, bovine, porcine, canine, Xenopus and other vertebrates.
<b>Specificity/Sensitivity</b>	Does not cross-react with Kv1.3 and Kv3.1.
<b>Immunogen</b>	Synthetic peptide made to a portion of rat Kv1.2 (within residues 325-375). [Swiss-Prot# P63142]

**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation, Block/Neutralize
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunoprecipitation 1:10-1:500, Block/Neutralize
<b>Application Notes</b>	<p>This Kv1.2 antibody is useful for Blocking/Neutralizing, Western blot and Immunoprecipitation. In WB 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: Kv1.2 Antibody [NBP1-42818] - 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 the Kv1.2 Antibody (NBP1-42818). Lane 4 was probed with NBP1-42818 that had been preincubated with the peptide used to generate NBP1-42818.



## 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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