

# Product Datasheet

## KCNN2 Antibody NBP1-46119

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP1-46119****KCNN2 Antibody**

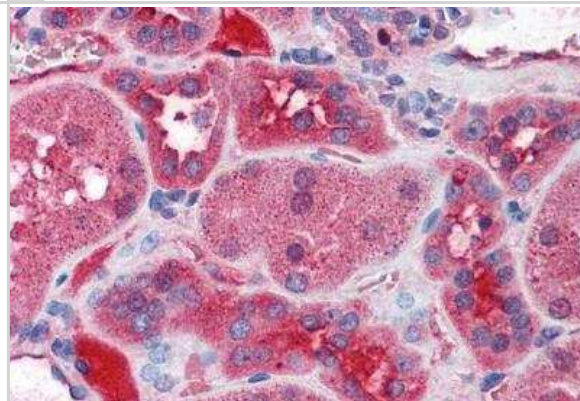
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	3781
<b>Gene Symbol</b>	KCNN2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both isoforms (NP_067627.2; NP_740721.1).
<b>Immunogen</b>	Peptide with sequence C-ESYDKHVTYNAER corresponding to internal region according to NP_740721.1.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry 3.75 ug/mL, Immunohistochemistry-Paraffin 3.75 ug/mL, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: Approx. 70 kDa band and 23 kDa band bands observed in human liver lysates (calculated MW of 63.8 kDa band according to NP_067627.2 and of 26.3 kDa band according to NP_740721.1).

## Images

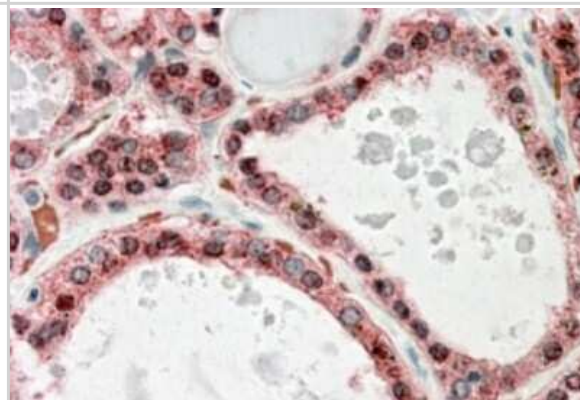
Western Blot: KCNN2 Antibody [NBP1-46119] - Staining of human liver lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: KCNN2 Antibody [NBP1-46119] - Staining of paraffin embedded human kidney. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: KCNN2 Antibody [NBP1-46119] - Staining of paraffin embedded human thyroid gland. Antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Morimoto T, Ohya S, Hayashi H et al. Cell-cycle-dependent regulation of Ca<sup>2+</sup>-activated K<sup>+</sup> channel in Jurkat T-lymphocyte. J Pharmacol Sci 2007-05-01 [PMID: 17452806]



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### **Products Related to NBP1-46119**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

### **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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