

# Product Datasheet

## Kir6.2 Antibody NBP1-00206

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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**NBP1-00206****Kir6.2 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>Description</b>	Novus Biologicals Goat Kir6.2 Antibody (NBP1-00206) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Kir6.2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	3767
<b>Gene Symbol</b>	KCNJ11
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise isoform 1 (NP_000516.3) only.
<b>Immunogen</b>	Peptide with sequence C-AEDPAKPRYRARQ corresponding to internal region (near N-Terminus) according to NP_000516.3.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 45-48 kDa band observed in human skeletal muscle lysates (calculated MW of 43.5 kDa band according to NP_000516.3). IHC-P: Human pancreas shows variable staining across the islet of langerhans.

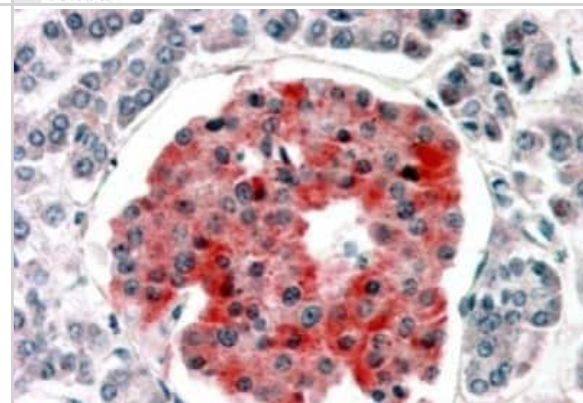


## Images

Western Blot: Kir6.2 Antibody [NBP1-00206] - (0.1ug/ml) staining of Human Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: Kir6.2 Antibody [NBP1-00206] - (3.8ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Filosa JA, Bonev AD, Straub SV et al. Local potassium signaling couples neuronal activity to vasodilation in the brain. Nat Neurosci 2006-11-01 [PMID: 17013381]



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### **Products Related to NBP1-00206**

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
NBP2-33540PEP	Kir6.2 Recombinant Protein Antigen

### **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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