# antibodies - online.com







# anti-KCNN4 antibody (AA 288-427)





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Alternative Name:

Background:

Quantity:	100 μL	
Target:	KCNN4	
Binding Specificity:	AA 288-427	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCNN4 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Details		
Immunogen:	Recombinant Human Intermediate conductance calcium-activated potassium channel protein	
	4 protein (288-427AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Antigen Affinity Purified	
Target Details		
Target:	KCNN4	

Background: Forms a voltage-independent potassium channel that is activated by intracellular

KCNN4 (KCNN4 Products)

### **Target Details**

calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. Required for maximal calcium influx and proliferation during the reactivation of naive T-cells. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin. Aliases: DHS2 antibody, hIKCa1 antibody, hKCa4 antibody, hSK4 antibody, IK antibody, IK1 antibody, IKCa1 antibody, Intermediate conductance calcium activated potassium channel protein 4 antibody, Intermediate conductance calcium-activated potassium channel protein 4 antibody, KCa3.1 antibody, KCa4 antibody, KCNN 4 antibody, Kcnn4 antibody, KCNN4\_HUMAN antibody, Potassium calcium activated channel subfamily N member 4 antibody, Potassium intermediate/small conductance calcium activated channel, subfamily N, member 4 antibody, Putative Gardos channel antibody, SK4 antibody, SKCa 4 antibody, SKCa4 antibody

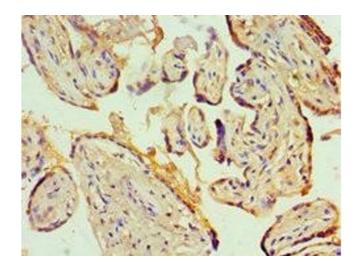
UniProt:

015554

# Application Details

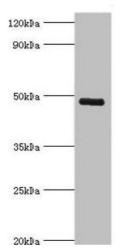
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	



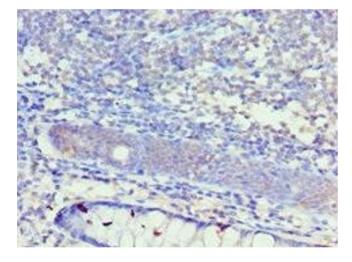
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7156944 at dilution of 1:100



#### **Western Blotting**

**Image 2.** Western blot All lanes: KCNN4 antibody at 8  $\mu$  g/mL + human serum Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 48 kDa Observed band size: 48 kDa



## **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7156944 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7156944.