## For Research Use Only

## SCN7A-Specific Polyclonal antibody

Catalog Number: 20256-1-AP



Basic Information	Catalog Number: 20256-1-AP	GenBank Accession Number: NM_002976	Purification Method: Antigen affinity purification	
	Size: 800 µg/ml Source: Rabbit Isotype: IgG	GenelD (NCBI): 6332 UNIPROT ID:	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500	
		Q01118 Full Name: sodium channel, voltage-gated, type VII, alpha Calculated MW: 193 kDa		
				Observed MW: 193 kDa
		Applications	Tested Applications: IHC, WB, ELISA Species Specificity: human, mouse	Positive C WB : mou: IHC : mou
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
Background Information	SCN7A, also named as SCN6A, belongs to the sodium channel family. SCN7A mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, SCN7A forms a sodium-selective channel through which Na+ ions may pass in accordance with their electrochemical gradient. This antibody is specific to SCN7A.			
Storage	Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage			

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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## Selected Validation Data





mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 20256-1-AP (SCN7A-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded mouse heart tissue slide using 20256-1-AP (SCN7A-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).