

# NEUROMICS



## TRPM6 (Chak2)

## Data Sheet

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<b>Catalog Number:</b>	GP14108	<b>Host:</b>	Guinea Pig
<b>Product Type:</b>	Whole Serum	<b>Species:</b>	Human
<b>Immunogen Sequence:</b>	NH2-(GC)ERDKNRSSLERHTRL-OH	<b>Reactivity:</b>	
		<b>Format:</b>	PBS containing 0.05% sodium azide
<b>Applications:</b>	Immunohistochemistry: 1:100-1,000 Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Storage:</b>	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. <i>Avoid repeated freeze-thaw cycles.</i>		
<b>References:</b>	<a href="#">Chien-Te Lee, Hung Chun Chen, Hwee-Yeong Ng, Li-Wen Lai, Yeong-Hau H. Lien. Renal Adaptation to Gentamicin-Induced Mineral Loss. Am J Nephrol 2012;35:279-286 (DOI: 10.1159/000336518)...TRPM6 (1:150; Guinea Pig polyclonal, Neuromics)...</a>		

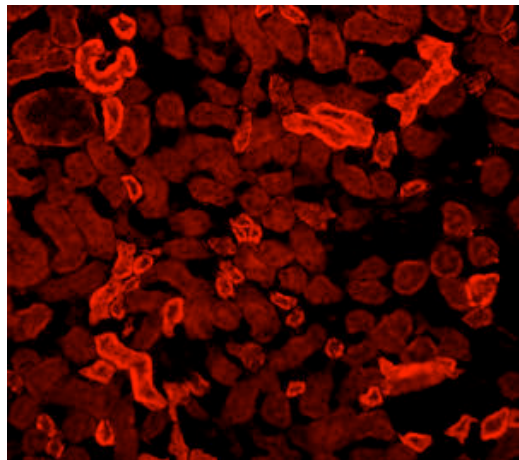
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### Application Notes

#### Description/Data:

The TRPM6 (Transient Receptor Protein-PhosphoLipase C-Interacting Kinase) protein is a member of the ion channel proteins. It regulates the calcium concentration in cells, which is imperative for such functions as muscle contractions and neuronal firing. It is also upregulated in certain forms of cancer and could play a role in diabetes.

*Image: TRPM6 staining cryostat section of rat kidney. Tissues were stained with using Cy3-conjugated secondary antibodies.*



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