



# Anti-TMEM50B (aa 68-97) polyclonal antibody (DPABH-25118)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. This CA1 gene is closely linked to the CA2 and CA3 genes on chromosome 8. It encodes a cytosolic protein that is found at the highest level in erythrocytes. Allelic variants of this gene have been described in some populations. Alternative splicing results in multiple transcript variants.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to internal sequence amino acids 68-97 of Human TMEM50B (NP_006125.2)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: PBS
<b>Preservative</b>	0.09% Sodium Azide

**Storage**

Store at 4°C (up to 6 months). For long term storage store at -20°C

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## GENE INFORMATION

Gene Name	<a href="#">TMEM50B transmembrane protein 51B [ Homo sapiens ]</a>
Official Symbol	TMEM50B
Synonyms	TMEM50B; transmembrane protein 50B; C21orf4; HCVP7TP3; HCV p7-transregulated protein 3; HCV p7-trans-regulated protein 3;
Entrez Gene ID	<a href="#">757</a>
Protein Refseq	<a href="#">NP_006125.2</a>
UniProt ID	<a href="#">P56557</a>
Function	molecular_function;