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Datasheet for ABIN6149266  
**anti-TMEM43 antibody (AA 80-310)**

2 Images

Overview

Quantity:	100 µL
Target:	TMEM43
Binding Specificity:	AA 80-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM43 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 80-310 of human TMEM43 (NP_077310.1).
Sequence:	VAPENEGRLV HIIGALRTSK LLSDPNYGVH LPAVKLRRHV EMYQWVETEE SREYTEDGQV KKETRYSYNT EWRSEIINSK NFDREIGHKN PSAMAVESFM ATAPFVQIGR FFLSSGLIDK VDNFKSLSL S KLEDPHVDII RRGDFFYHSE NPKYPEVGDL RVSFSYAGLS GDDPDLGPAH VVTVIARQRG DQLVPFSTKS GDTLLLLHHG DFSAEEVFHR ELRSNSMKTW G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	TMEM43
Alternative Name:	TMEM43 ( <a href="#">TMEM43 Products</a> )
Background:	<p>This gene belongs to the TMEM43 family. Defects in this gene are the cause of familial arrhythmogenic right ventricular dysplasia type 5 (ARVD5), also known as arrhythmogenic right ventricular cardiomyopathy type 5 (ARVC5). Arrhythmogenic right ventricular dysplasia is an inherited disorder, often involving both ventricles, and is characterized by ventricular tachycardia, heart failure, sudden cardiac death, and fibrofatty replacement of cardiomyocytes. This gene contains a response element for PPAR gamma (an adipogenic transcription factor), which may explain the fibrofatty replacement of the myocardium, a characteristic pathological finding in ARVC.,TMEM43,ARVC5,ARVD5,EDMD7,LUMA,Signal Transduction,TMEM43</p>
Molecular Weight:	44 kDa
Gene ID:	79188
UniProt:	<a href="#">Q9BTV4</a>

## Application Details

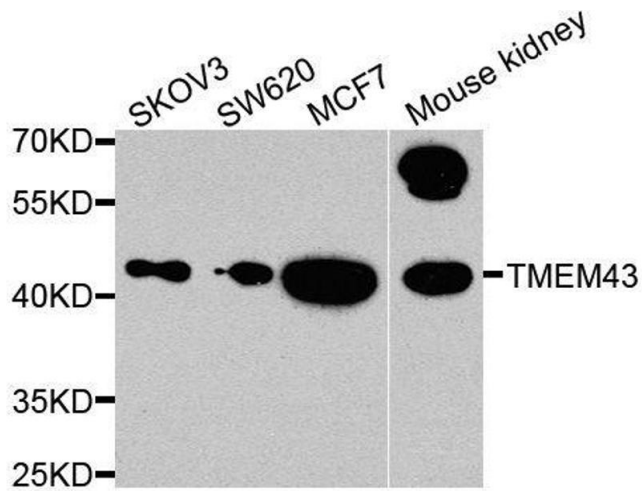
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

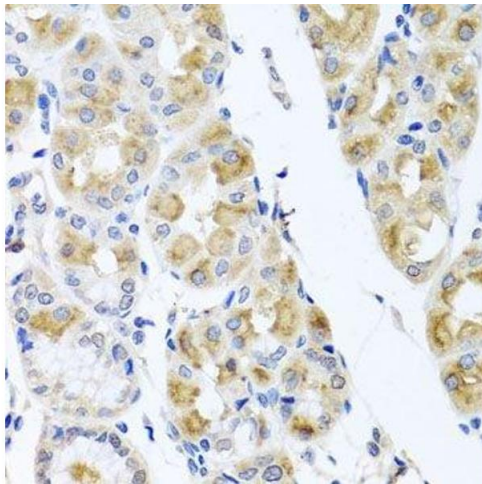
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using TMEM43 antibody.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded human stomach using TMEM43 antibody.