

Datasheet for ABIN6571807 **anti-TMEM43 antibody**

2 Images



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Overview

Quantity:	200 µL
Target:	TMEM43
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM43 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human TMEM43 (NP_077310.1).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	TMEM43
Alternative Name:	TMEM43 (TMEM43 Products)
Background:	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.

Target Details

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.

Molecular Weight: Observed_MW: 45kDa
Calculated_MW: 44kDa

Gene ID: 79188

UniProt: [Q9BTV4](#)

Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

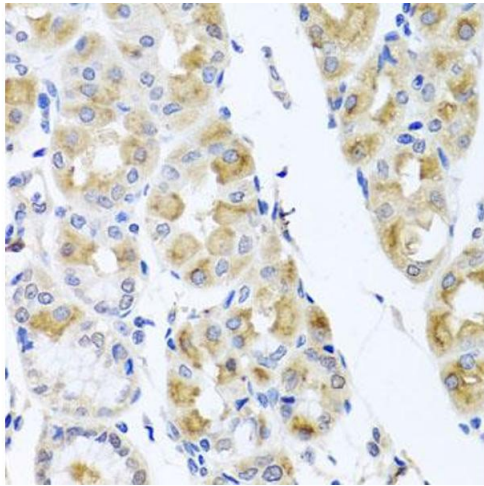
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

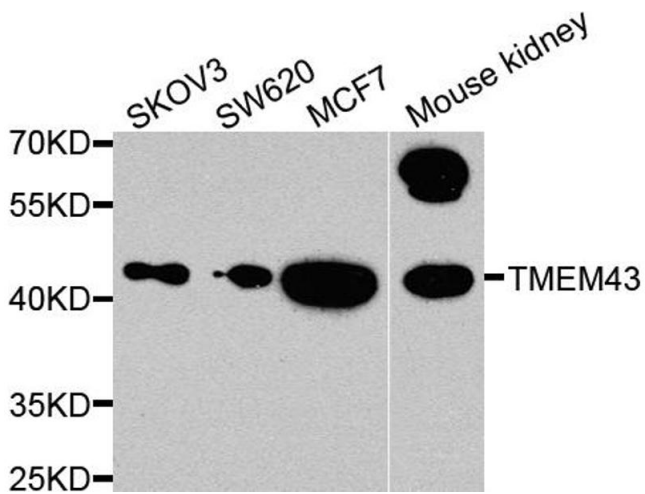
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human stomach using TMEM43 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using TMEM43 antibody.