Product Datasheet

TMEM43 Polyclonal Antibody

Catalog No: #31580

Package Size: #31580-1 50ul #31580-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	TMEM43 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human TMEM43 (NP_077310.1).
Other Names	TMEM43;ARVC5;ARVD5;EDMD7;LUMA
Accession No.	Uniprot:Q9BTV4GeneID:79188
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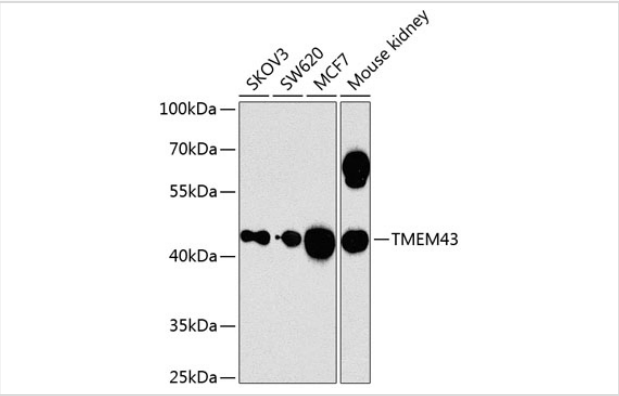
GeneID	79188
Calculated MW	45kDa
SDS-PAGE MW	45kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000

Images



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

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. 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.

Note: This product is for in vitro research use only