

Product datasheet for **TA362858**

TMEM43 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TMEM43
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	45 kDa
Gene Name:	transmembrane protein 43
Database Link:	NP_077310.1 Entrez Gene 79188 Human Q9BTV4



[View online »](#)

Background:

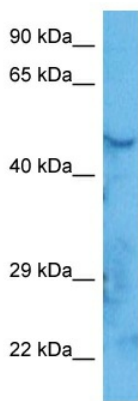
This gene belongs to the TMEM43 family. Defects in this gene are the cause of familial arrhythmogenic right ventricular dysplasia type 5 (ARVD5), also known as arrhythmogenic right ventricular cardiomyopathy type 5 (ARVC5). Arrhythmogenic right ventricular dysplasia is an inherited disorder, often involving 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.

Synonyms:

ARVC5; ARVD5; DKFZp586G1919; LUMA; MGC3222; OTTHUMP00000208134; OTTHUMP00000208135

Protein Families:

Transmembrane

Product images:


Host: Rabbit
 Target Name: TMEM43
 Sample Type: Jurkat Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: TMEM43
 Sample Tissue: Human Jurkat Whole Cell lysates
 Antibody Dilution: 1ug/ml