

TMEM43 Antibody (Center)

Catalog_no :	AB1069
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:195-223
Specificity :	This TMEM43 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-223 amino acids from the Central region of human TMEM43.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Transmembrane protein 43, Protein LUMA, TMEM43
Isotype :	Rabbit Ig
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.
reference :	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Barahona-Dussault, C., et al. Clin. Genet. 77(1):37-48(2010) Hodgkinson, K., et al. Genet. Med. 11(12):859-865(2009) Merner, N.D., et al. Am. J. Hum. Genet. 82(4):809-821(2008) Bengtsson, L., et