Datasheet for ABIN1393392

anti-Transmembrane Protein 18 (TMM18) (AA 41-140) antibody (Alexa Fluor 647)

Go to Product page

Overview

Quantity:	100 µL
Target:	Transmembrane Protein 18 (TMM18)
Binding Specificity:	AA 41-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tmem18
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Transmembrane Protein 18 (TMM18)
Alternative Name:	Tmem18 (TMM18 Products)
Background:	Synonyms: DKFZp434C1714, TMEM18, TMM18_HUMAN, Transmembrane protein 18.

Target Details

Background: TMEM18 is a 140 amino acid multi-pass membrane protein that localizes to the nuclear membrane and is expressed in the brain. TMEM18 functions as a cell migration modulator which enhances the glioma-specific migration ability of neural precursor and neural stem cells.Overexpression of TMEM18 increases migration of human and murine neural stem cells, whereas knockdown of TMEM18 mRNA reduces cellular migration. Two specific single nucleotide polymorphisms (SNPs) within the TMEM18 gene locus known as rs6548238 and rs756131 have been linked to obesity susceptibility.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months