



Datasheet for ABIN1714981  
**anti-TMEM242 antibody (AA 21-100)**



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1 Publication

Overview

Quantity:	100 µL
Target:	TMEM242
Binding Specificity:	AA 21-100
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM242 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C6orf35
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	TMEM242
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## Target Details

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Alternative Name:	C6orf35 ( <a href="#">TMEM242 Products</a> )
Background:	<p>Synonyms: BM033, C6orf35, TM242_HUMAN, Chromosome 6 open reading frame 35, UPF0463 transmembrane protein C6orf35.</p> <p>Background: Making up nearly 6 % of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf35 gene product has been provisionally designated C6orf35 pending further characterization.</p>
Gene ID:	729515

## Application Details

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Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

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Product cited in: Morgenstern, Peikert, Lübbert, Suppanz, Klemm, Alka, Steiert, Naumenko, Schendzielorz, Melchionda, Mühlhäuser, Knapp, Busch, Stiller, Dannenmaier, Lindau, Licheva, Eickhorst, Galbusera, Zerbès, Ryan et al.: "Quantitative high-confidence human mitochondrial proteome and its dynamics in cellular context. ..." in: **Cell metabolism**, Vol. 33, Issue 12, pp. 2464-2483.e18, (2022) ([PubMed](#)).