

Datasheet for ABIN1385917

**anti-FAM82A1 antibody (AA 261-360)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FAM82A1 (RMDN2)
Binding Specificity:	AA 261-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM82A1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FAM82A1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	FAM82A1 (RMDN2)
Alternative Name:	Fam82a1 ( <a href="#">RMDN2 Products</a> )

## Target Details

Background:	<p>Synonyms: BLOCK18, FAM82A, Fam82a1, Family with sequence similarity 82 member A, Family with sequence similarity 82, member A1, hRMD 2, hRMD 4, hRMD-2, hRMD4, MGC33318, Microtubule associated protein, Protein FAM82A1, Regulator of microtubule dynamics, Regulator of microtubule dynamics protein 2, RMD 2, RMD-2, RMD2, RMD2_HUMAN.</p> <p>Background: The second largest human chromosome, 2 consists of 237 million bases encoding over 1,400 genes and making up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes. The FAM82A gene product has been provisionally designated FAM82A pending further characterization.</p>
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## Application Details

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

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months