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Datasheet for ABIN2173432

**anti-CTNNA3 antibody (AA 131-230) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	CTNNA3
Binding Specificity:	AA 131-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNA3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTNNA3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	CTNNA3
Alternative Name:	Ctnna3 ( <a href="#">CTNNA3 Products</a> )
Background:	Synonyms: 4930429L08Rik, 4933408A16, Alpha catenin like protein, Alpha T catenin, Alpha T-

## Target Details

catenin, Cadherin associated protein, Cadherin-associated protein, Catenin alpha 3, Catenin alpha-3, Catna3, CTNA3\_HUMAN, CTNNA3, MGC26194, MGC75041, OTTHUMP00000019684, OTTMUSP00000028119, OTTMUSP00000028120, RP11-433J16.1, VR22.

Background: The catenins are ubiquitously expressed, cytoplasmic proteins that associate with E-cadherin at cellular junctions. Catenin/cadherin complexes play an important role in mediating cellular adhesion. alpha T-catenin, also referred to as VR22, is a 895-amino acid protein that is most abundantly expressed in cardiomyocytes and in the peritubular myoid cells of the testis. alpha T-catenin binds to alpha E-catenin as well as to beta-catenin, and it functions to inhibit Wnt signaling. CTNNA3, the gene that encodes for alpha-T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer's disease (LOAD) as well as to dilated cardiomyopathy.

## 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