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Datasheet for ABIN2173430  
**anti-CTNNA3 antibody (AA 131-230)**

### Overview

Quantity:	100 µL
Target:	CTNNA3
Binding Specificity:	AA 131-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### 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> )

## Target Details

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**Background:** Synonyms: 4930429L08Rik, 4933408A16, Alpha catenin like protein, Alpha T catenin, Alpha T-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

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**Application Notes:** WB 1:300-5000  
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

**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.

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Expiry Date: 12 months