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Datasheet for ABIN1395089

**anti-ZDHHC7 antibody (AA 201-308) (Alexa Fluor 555)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | ZDHHC7  |
| Binding Specificity: | AA 201-308  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This ZDHHC7 antibody is conjugated to Alexa Fluor 555   |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ZDHHC7/ZNF370 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken           |
| Purification:         | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | ZDHHC7   |
| Alternative Name: | ZDHHC7/ZNF370 ( <a href="#">ZDHHC7 Products</a> )                                  |
| Background:       | Synonyms: DHHC 7, DHHC7, FLJ10792, FLJ20279, Palmitoyltransferase ZDHHC7, ZDHHC 7, |

## Target Details

Zinc finger DHHC domain containing 7, Zinc finger DHHC domain containing protein 7, Zinc finger DHHC type containing 7, Zinc finger protein 370, ZNF 370, ZNF370,  
Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZDHHC1 (zinc finger, DHHC-type containing 1), also known as ZNF377 (zinc finger protein 377) or C16orf1, is a 485 amino acid multi-pass membrane protein that contains one DHHC-type zinc finger. Expressed in fetal heart, lung and kidney and also present in adult lung and pancreas, ZDHHC1 functions as a palmitoyltransferase that catalyzes the conversion of palmitoyl-CoA and protein-cysteine to S-palmitoyl protein and CoA. Like ZDHHC1, ZDHHC5, ZDHHC6, ZDHHC7 and ZDHHC18 each contain one DHHC-type zinc finger through which they convey palmitoyltransferase activity against a broad range of substrates, including H-Ras, SNAP 25 and GABAA R proteins.

## 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  |