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Datasheet for ABIN7175697

## anti-WDFY2 antibody (AA 2-114) (FITC)

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg                                    |
| Target:              | WDFY2 (ZFYVE22)                           |
| Binding Specificity: | AA 2-114                                  |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This WDFY2 antibody is conjugated to FITC |
| Application:         | Please inquire                            |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human WD repeat and FYVE domain-containing protein 2 protein (2-114AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | WDFY2 (ZFYVE22)   |
| Alternative Name: | WDFY2 ( <a href="#">ZFYVE22 Products</a> )  |
| Background:       | Background: Acts in an adapter protein-like fashion to mediate the interaction between the kinase PRKCZ and its substrate VAMP2 and increases the PRKCZ-dependent phosphorylation |

## Target Details

of VAMP2 (PubMed:17313651). Positively regulates adipocyte differentiation, by facilitating the phosphorylation and thus inactivation of the anti-adipogenic transcription factor FOXO1 by the kinase AKT1 (PubMed:18388859). Plays a role in endosomal control of AKT2 signaling, required for insulin-stimulated AKT2 phosphorylation and glucose uptake and insulin-stimulated phosphorylation of AKT2 substrates (By similarity). Participates in transferrin receptor endocytosis (PubMed:16873553).

Aliases: PROF antibody, Propeller-FYVE protein antibody, RP11 147H23.1 antibody, WD repeat and FYVE domain containing 2 antibody, WD repeat and FYVE domain-containing protein 2 antibody, WD40 and FYVE domain containing 2 antibody, WD40- and FYVE domain-containing protein 2 antibody, WDF2 antibody, Wdfy2 antibody, WDFY2\_HUMAN antibody, ZFYVE22 antibody, Zinc finger FYVE domain-containing protein 22 antibody

UniProt: [Q96P53](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.