antibodies

## Datasheet for ABIN7175696 anti-WDFY2 antibody (AA 2-114) (Biotin)



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 Biotin
Application:	ELISA

## Product Details

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

## Target Details

Target:	WDFY2 (ZFYVE22)
Alternative Name:	WDFY2 (ZFYVE22 Products)
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

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## Target Details

	of VAMP2 (PubMed:17313651). Positively regulates adipocyte differentiation, by facilitating the
	phosphorylation and thus inactivation of the anti-adipogenetic 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	
Application Notes:	Optimal working dilution should be determined by the investigator.
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.