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## Datasheet for ABIN7175698

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

#### 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 HRP
Application:	ELISA

#### **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 (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

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.