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## Datasheet for ABIN7120810 **anti-WDR1 antibody**

### Overview

Quantity:	100 µg
Target:	WDR1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	WD repeat domain 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	WDR1
Alternative Name:	WDR1 ( <a href="#">WDR1 Products</a> )
Background:	Synonyms: Actin interacting protein 1, AIP1, NORI 1, WD repeat containing protein 1, WD repeat domain 1, WDR1 Background: Induces disassembly of actin filaments in conjunction with ADF/cofilin family proteins (PubMed:15629458). Enhances cofilin-mediated actin severing (By similarity). Involved in cytokinesis. Involved in chemotactic cell migration by restricting

## Target Details

lamellipodial membrane protrusions(PubMed:18494608). Involved in myocardium sarcomere organization. Required for cardiomyocyte growth and maintenance(By similarity). Involved in megakaryocyte maturation and platelet shedding. Required for the establishment of planar cell polarity(PCP) during follicular epithelium development and for cell shape changes during PCP, the function seems to implicate cooperation with CFL1 and/or DSTN/ADF. Involved in the generation/maintenance of cortical tension(By similarity). Involved in assembly and maintenance of epithelial apical cell junctions and plays a role in the organization of the perijunctional actomyosin belt(PubMed:25792565).

Molecular Weight: 66 kDa

Gene ID: 9948

UniProt: [O75083](#)

Pathways: [Sensory Perception of Sound](#)

## Application Details

Application Notes: WB: 1:200-1:2000, IP: 1:200-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months