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## Datasheet for ABIN7465536 **anti-WDR4 antibody**

### Overview

Quantity:	100 µL
Target:	WDR4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human WDR4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	WDR4
Alternative Name:	WD repeat domain 4 ( <a href="#">WDR4 Products</a> )
Background:	WD repeat domain 4 , TRM82 , TRMT82, This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically

## Target Details

bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Molecular Weight: 45 kDa

Gene ID: 10785

UniProt: [P57081](#)

## Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: A549

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.71 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.