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## Datasheet for ABIN6991385 **anti-WDR35 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	WDR35
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR35 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	WDR35 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human WDR35. The immunogen is located within amino acids 60 - 110 of WDR35.
Isotype:	IgG
Specificity:	WDR35 antibody is human specific.
Purification:	WDR35 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	WDR35
Alternative Name:	WDR35 ( <a href="#">WDR35 Products</a> )
Background:	WDR35 Antibody: WD40 repeats are a common structural module in eukaryotic proteins, and

## Target Details

proteins containing WD40 domains have a wide range of functions, including signal transduction, cell cycle regulation, RNA splicing, and transcription. One such protein, WDR35, also known as CED2, has been shown to be mutated in patients with Sensenbrenner syndrome/cranioectodermal dysplasia (CED), an autosomal-recessive disease that is characterized by craniosynstosis and ectodermal and skeletal abnormalities. WDR35 localizes to cilia and centrosomes during embryogenesis and human and mouse fibroblasts that lack this gene fail to produce cilia. Mutations in this gene can also cause short-rib polydactyly syndromes due to abnormal ciliogenesis.

Gene ID:	57539
NCBI Accession:	<a href="#">NP_001006658</a>
UniProt:	<a href="#">Q9P2L0</a>
Pathways:	<a href="#">Hedgehog Signaling</a>

## Application Details

Application Notes:	WDR35 antibody can be used for detection of WDR35 by immunohistochemistry at 5 µg/mL.  Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	WDR35 Antibody is supplied in PBS containing 0.02 % sodium azide.
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, 4 °C
Storage Comment:	WDR35 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.