

Datasheet for 600-401-FX9**WDR35 Antibody****Overview**

Description:	Anti-WDR35 (RABBIT) Antibody - 600-401-FX9
Item No.:	600-401-FX9
Size:	100 µg
Applications:	ELISA, IHC
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	WD40 repeats are a common structural module in eukaryotic proteins, and 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 craniosynostosis 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.
Synonyms:	WDR35 Antibody, CED2, IFTA1, SRTD7, IFT121, KIAA1336, WD repeat-containing protein 35, Intraflagellar transport protein 121 homolog
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	WDR35
Reactivity:	Human
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-WDR35 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the N-terminus of human WDR35.
Purity/Specificity:	Anti-WDR35 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. WDR35 antibody is human specific.
Relevant Links:	• UniProtKB - Q9P2L0 • GeneID - 57539 • NCBI - NP_001006658.1

Application Details

Tested Applications:	ELISA, IHC
Application Note:	Anti-WDR35 Antibody has been tested for use in ELISA and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 134 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IHC:	5 µg/mL

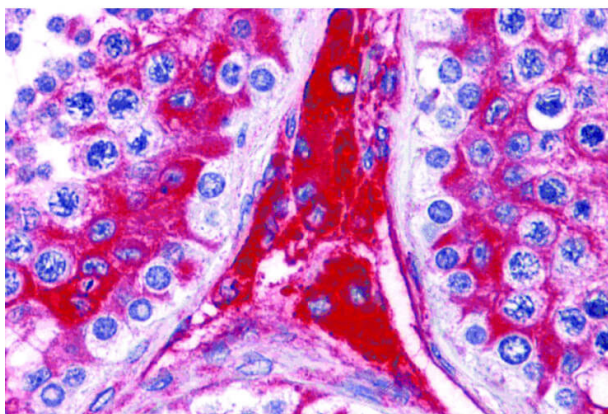
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry

Immunohistochemistry of WDR35 antibody. Tissue: human testis tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: WDR35 antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: WDR35 is a peripheral membrane protein. Staining: WDR35 as precipitated red signal with blue nuclear counterstain.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.