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# WDR36 Rabbit Polyclonal Antibody

WDR36 Rabbit Polyclonal Antibody
Catalog # AP93417

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q8NI36 |
| **Reactivity** | Human, Rat, Mouse |
| **Host** | Polyclonal, Rabbit,IgG |
| **Clonality** | Polyclonal |
| **Calculated MW** | 99366 |

## Additional Information

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|---|---|
| **Gene ID** | 134430 |
| **Other Names** | WD repeat-containing protein 36, T-cell activation WD repeat-containing protein, TA-WDRP, WDR36 (HGNC:30696) |
| **Dilution** | WB~~1:1000 |
| **Storage Conditions** | -20℃ |

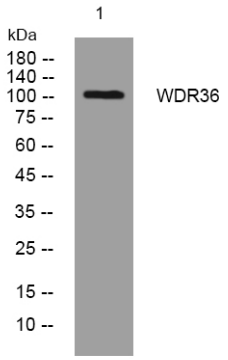
## Protein Information

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|---|---|
| **Name** | WDR36 ( HGNC:30696) |
| **Function** | Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre- rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre- ribosomal RNA by the RNA exosome. Involved in the nucleolar processing of SSU 18S rRNA (PubMed:21051332, PubMed:34516797). Involved in T-cell activation and highly coregulated with IL2 (PubMed:15177553). |
| **Cellular Location** | Nucleus, nucleolus |
| **Tissue Location** | Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas. In ocular tissues, strong expression in iris, sclera, ciliary muscle, ciliary body, retina and optic nerve |

## Background

This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically 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. Mutations in this gene have been associated with adult-onset primary open-angle glaucoma (POAG). [provided by RefSeq, Jul 2008],

## Images




Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.