WDR36 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WDR36, Polyclonal Antibody
Full Product Name	WDR36 Rabbit pAb
Product Gene Name	anti-WDR36 antibody
Product Synonym Names	GLC1G; UTP21; TAWDRP; TA-WDRP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	105kDa
OMIM	609669
3D Structure	ModBase 3D Structure for Q8NI36
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 702-951 of human WDR36 (NP_644810.1).
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WDR36 antibody	Western Blot (WB)
Application Notes for anti-WDR36 antibody	WB: 1:200-1:2000
Related Product Information for anti-WDR36 antibody	Involved in the nucleolar processing of SSU 18S rRNA. Involved in T-cell activation and highly coregulated with IL2.
Other Notes	Small volumes of anti-WDR36 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for WDR36 purchase	MBS8549972 is an antibody targeting WDR36. Also known as WDR36 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WDR36. It may not necessarily be applicable to this product.

NCBI GI #	21281677
NCBI GeneID	134430
NCBI Accession #	NP_644810.1

UniProt Primary Accession #	Q8NI36
UniProt Related Accession #	Q8NI36
GenBank Nucleotide #	NP_644810.1
NCBI Official Full Name	WD repeat-containing protein 36
NCBI Official Synonym Full Names	WD repeat domain 36
NCBI Official Symbol	WDR36
NCBI Official Synonym Symbols	GLC1G; UTP21; TAWDRP; TA-WDRP
UniProt Protein Name	WD repeat-containing protein 36
UniProt Synonym Protein Names	T-cell activation WD repeat-containing protein
Protein Family	WD repeat-containing protein
UniProt Gene Name	WDR36
UniProt Synonym Gene Names	TA-WDRP
UniProt Entry Name	WDR36_HUMAN
NCBI Protein Information	WD repeat-containing protein 36
NCBI Summary for WDR36	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]
UniProt Comments for WDR36	WDR36: Involved in T-cell activation and highly co-regulated with IL2. Defects in WDR36 are the cause of primary open angle glaucoma type 1G (GLC1G). Primary open angle glaucoma (POAG) is characterized by a specific pattern of optic nerve and visual field defects. The angle of the anterior chamber of the eye is open, and usually the intraocular pressure is increased. The disease is asymptomatic until the late stages, by which time significant and irreversible optic nerve damage has already taken place. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 5q22.1 Cellular Component: small subunit processome; nucleolus Biological Process: retinal homeostasis; visual perception; response to stimulus; regulation of axon extension; rRNA processing Disease: Glaucoma 1, Open Angle, G
Research Articles on WDR36	**1.** Study suggests that WDR36 gene is involved in the pathogenesis of juvenile open-angle glaucoma in Taiwan population as a subordinate modifier gene.
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