



WDR36 rabbit pAb

Catalog No	YP-Ab-08104
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	WDR36
Immunogen	Synthesized peptide derived from human WDR36 AA range: 607-657
Specificity	This antibody detects endogenous levels of WDR36 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.219% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GLC1G;TA WDRP;TAWDRP;UTP21;WD repeat domain 36;WDR36;WD repeat-containing protein 36 (T-cell activation WD repeat-containing protein) (TA-WDRP)
Observed Band	105kD
Calculated Molecular Weight	105kD
Cell Pathway	Nucleus, nucleolus .
Tissue Specificity	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.
Function	disease:Defects in WDR36 are the cause of primary open angle glaucoma type 1G (GLC1G) [MIM:609887]. 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.,function:Involved in T cell activation and highly co-regulated with IL2.,similarity:Contains 9 WD repeats.,tissue specificity:Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas. In ocular tissues, strong expression



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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-asn (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],

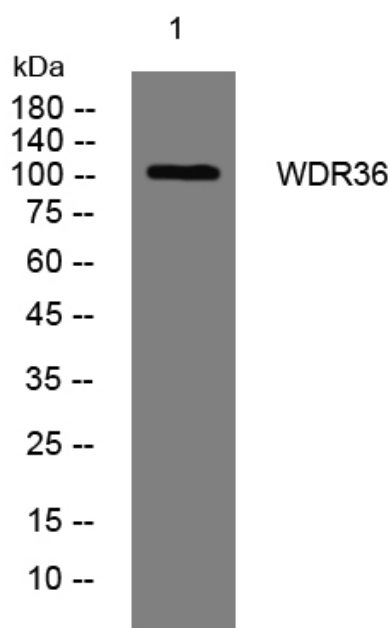
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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