



## WDR36 rabbit pAb

<b>Catalog No</b>	BYab-08104
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	WDR36
<b>Protein Name</b>	WDR36
<b>Immunogen</b>	Synthesized peptide derived from human WDR36 AA range: 607-657
<b>Specificity</b>	This antibody detects endogenous levels of WDR36 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.219% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	WD repeat-containing protein 36 (T-cell activation WD repeat-containing protein) (TA-WDRP)
<b>Observed Band</b>	105kD
<b>Cell Pathway</b>	Nucleus, nucleolus .
<b>Tissue Specificity</b>	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.
<b>Function</b>	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 in iris, sclera, ciliary muscle, ciliary body, retina and optic nerve.,

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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-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],

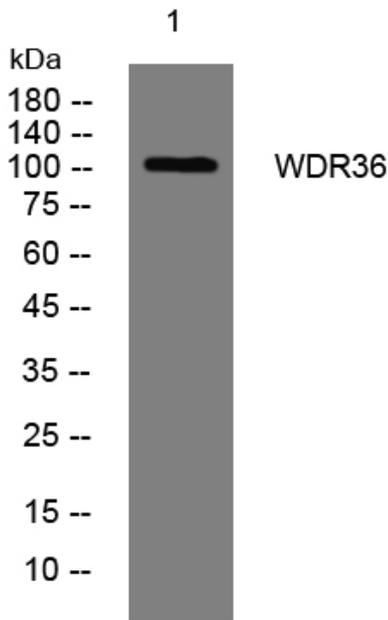
**matters needing attention**

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