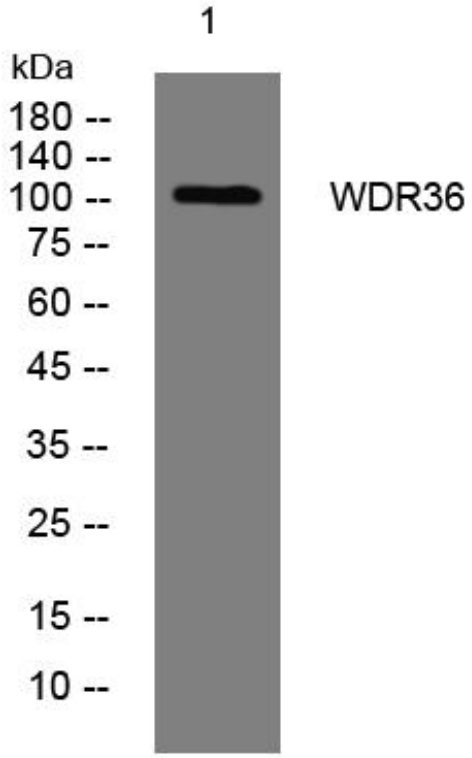
WDR36 mouse mAb

Catalog No	YP-mAb-08104
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	WDR36
Protein 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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	WD repeat-containing protein 36 (T-cell activation WD repeat-containing protein) (TA-WDRP)
Observed Band	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 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],
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 various cells using WDR36 mouse mAb