Immunoway
Best Tools for immunology Research

# TBL1X Monoclonal Antibody

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|---|---|
| **Catalog No :** | YM0610 |
| **Reactivity :** | Human;Monkey |
| **Applications :** | WB;ELISA |
| **Target :** | TBL1X |
| **Fields :** | >>Wnt signaling pathway |
| **Gene Name :** | TBL1X |
| **Protein Name :** | F-box-like/WD repeat-containing protein TBL1X |
| **Human Gene Id :** | 6907 |
| **Human Swiss Prot No :** | O60907 |
| **Mouse Swiss Prot No :** | Q9QXE7 |
| **Immunogen :** | Purified recombinant fragment of human TBL1X expressed in E. Coli. |
| **Specificity :** | TBL1X Monoclonal Antibody detects endogenous levels of TBL1X protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Monoclonal, Mouse |
| **Dilution :** | WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications. |
| **Purification :** | Affinity purification |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Molecularweight :** | 62kD |
| **Cell Pathway :** | WNT;WNT-T CELL |

**P References :**

1. Am J Hum Genet. 1999 Jun;64(6):1604-16.
2. Cell. 2002 Jul 12;110(1):55-67.

**Background :**

The protein encoded by this gene has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This encoded protein is found as a subunit in corepressor SMRT (silencing mediator for retinoid and thyroid receptors) complex along with histone deacetylase 3 protein. This gene is located adjacent to the ocular albinism gene and it is thought to be involved in the pathogenesis of the ocular albinism with late-onset sensorineural deafness phenotype. Four transcript variants encoding two different isoforms have bee

**Function :**

disease:Defects in TBL1X may be involved in the pathogenesis of ocular albinism with late-onset sensorineural deafness (OASD). OASD is an X-linked disorder characterized by ocular albinism and progressive sensineural hearing loss in the fourth and fifth decades of life. OASD may be caused by deletion of both GPR143/OA1 and TBL1X adjacent genes; TBL1X defects possibly causing the hearing phenotype.,domain:The F-box-like domain is related to the F-box domain, and apparently displays the same function as component of ubiquitin E3 ligase complexes.,function:F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of corepressor complexes that mediates the recruitment of the 19S proteasome comple

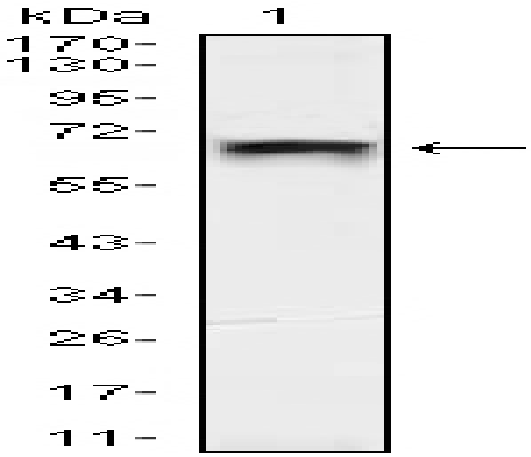
**Subcellular Location :**

Nucleus . Colocalized with MECP2 to the heterochromatin foci. .

**Expression :**

Ubiquitous.

## Products Images




Western Blot analysis using TBL1X Monoclonal Antibody against HEK293 (1) cell lysate.