

Product Name: KD-Validated TBL1XR1 Mouse Monoclonal Antibody**Catalog #: KVA00039**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 55.6kDa

Antigen Information

Gene Name	TBL1XR1
Alternative Names	TBL1XR1; TBL1X/Y Related 1; TBLR1; IRA1; F-Box-Like/WD Repeat-Containing Protein TBL1XR1; DC42; C21; Nuclear Receptor Corepressor/HDAC3 Complex Subunit TBLR1; Transducin Beta Like 1 X-Linked Receptor 1; TBL1-Related Protein 1; TBL1X Receptor 1; FLJ12894; Nuclear Receptor Co-Repressor/HDAC3 Complex Subunit; Transducin (Beta)-Like 1X-Linked Receptor 1; Transducin Beta-Like 1X-Related Protein 1; TBL1-Related Protein; MRD41
Gene ID	79718.0
SwissProt ID	Q9BZK7
Immunogen	Recombinant protein of human TBL1XR1

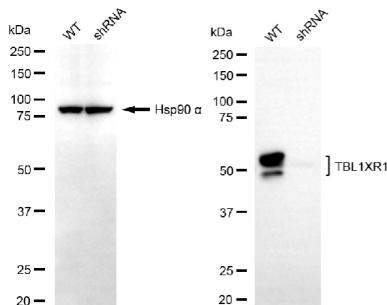
Background

This gene is a member of the WD40 repeat-containing gene family and shares sequence similarity with transducin (beta)-like 1X-linked (TBL1X). The protein encoded by this gene is thought to be a component of both nuclear receptor corepressor (N-CoR) and histone deacetylase 3 (HDAC 3) complexes, and is required for transcriptional activation by a variety of transcription factors. Mutations in these gene have been associated with some autism spectrum disorders, and one finding suggests that haploinsufficiency of this gene may be a cause of intellectual disability with dysmorphism. Mutations in this gene as well as recurrent translocations involving this gene have also been observed in some tumors. [provided by RefSeq, Mar 2016]

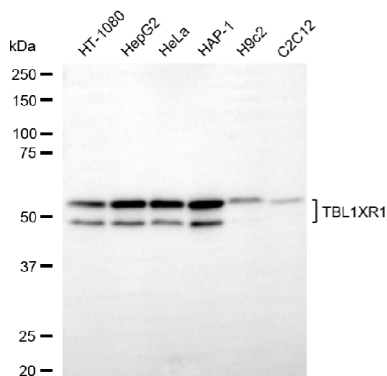
Research Area

Epigenetics and Nuclear Signaling,Cancer, Metabolism

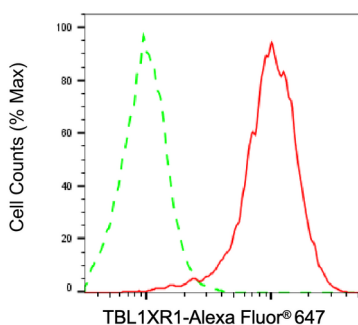
Image Data



Western blotting analysis using TBL1XR1 antibody (KVA00039). TBL1XR1 expression in wild-type (WT) and TBL1XR1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TBL1XR1 antibody (KVA00039, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using TBL1XR1 antibody (KVA00039). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TBL1XR1 antibody (KVA00039, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of TBL1XR1 expression in HepG2 cells using TBL1XR1 antibody (KVA00039, 1:2,000). Green, isotype control; red, TBL1XR1.