

TBLR1 mouse mAb

Catalog No: YM1250

Reactivity: Human; Mouse

Applications: WB;IHC;ICC

Target: TBLR1

Fields: >>Wnt signaling pathway

Q9BZK7

Q8BHJ5

Gene Name: tbl1xr1

Human Gene Id: 79718

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: Purified recombinant human TBLR1 protein fragments expressed in E.coli.

Specificity: This antibody detects endogenous levels of TBLR1 and does not cross-react

with related proteins.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Monoclonal, Mouse

Dilution: wb 1:1000 icc 1:200 1:500-1:1000

Purification: The antibody was affinity-purified from mouse ascites by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 60kD

1/4



Cell Pathway: WNT;WNT-T CELL

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],

Function: 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 the N-Cor corepressor complex that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteosomal degradation of N-Cor complex, thereby allowing cofactor exchange, and transcription activation.,PTM:Phosphorylated upon DNA damage,

probably by ATM or ATR., sequence caution: Contaminating sequence. Potential poly-A sequence., similarity: Belongs to the WD repeat EBI

family.,similarity:Contains 1 F-box-like domain.,similarity:Contains 1 LisH

domain.,simi

Subcellular Location : Nucleus.

Expression: Widely expressed including the pituitary, hypothalamus, white and brown

adipose tissue, muscle and liver.

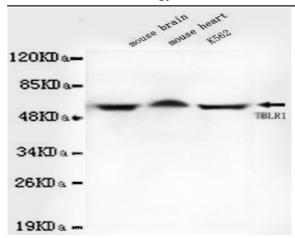
Sort: 16969

No4:

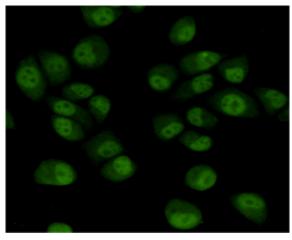
Host: Mouse

Modifications: Unmodified

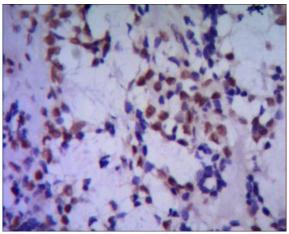
Products Images



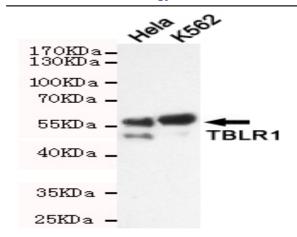
Western blot detection of TBLR1 in Mouse brain, Mouse heart and K562 cell lysates using TBLR1 mouse mAb (1:1000 diluted). Predicted band size: 60KDa. Observed band size: 60Kda.



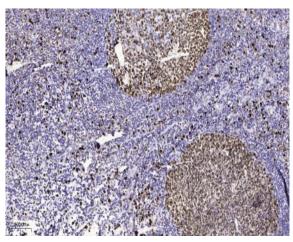
Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using TBLR1 mouse mAb (dilution 1:200).



IHC of paraffin-embedded huma breast cancer using anti-TBLR1 mouse mAb diluted 1/500-1/1000



Western blot detection of TBLR1 in Hela and K562 cell lysates using TBLR1 mouse mAb (1:1000 diluted). Predicted band size: 60KDa. Observed band size: 60Kda.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).