

TBL1XR1 Monoclonal Antibody

Catalog No :	YM1102
Reactivity :	Human;Mouse;Rat;Bovine;Chicken;Dog;Pig;Zebrafish
Applications :	WB;IHC;IF
Target :	TBLR1
Fields :	>>Wnt signaling pathway
Gene Name :	TBL1XR1
Protein Name :	F-box-like/WD repeat-containing protein TBL1XR1
Human Gene Id :	79718
Human Swiss Prot No :	Q9BZK7
Mouse Gene Id :	81004
Mouse Swiss Prot No :	Q8BHJ5
Immunogen :	Purified recombinant human TBL1XR1 protein fragments expressed in E.coli.
Specificity :	TBL1XR1 Monoclonal Antibody detects endogenous levels of TBL1XR1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:1000 - 1:2000. IHC 1:500 - 1:1000. IF 1:100 - 1:500. Not yet tested in other applications.
Purification :	Affinity purification
Concentration :	1 mg/ml

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

Molecularweight : 56kD

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.

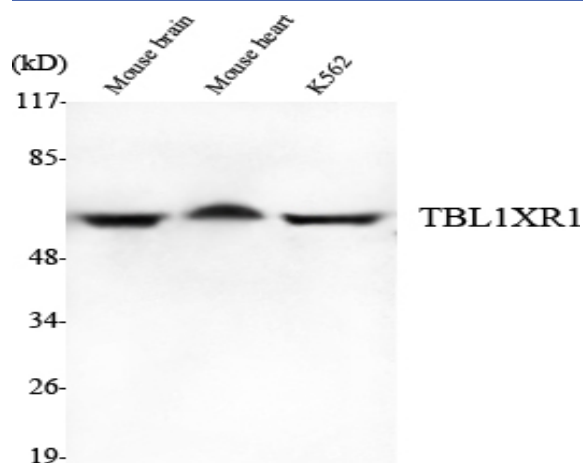
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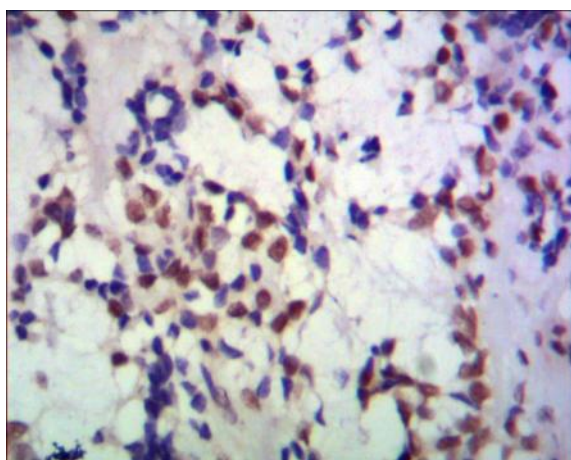
Host : Mouse

Modifications : Unmodified

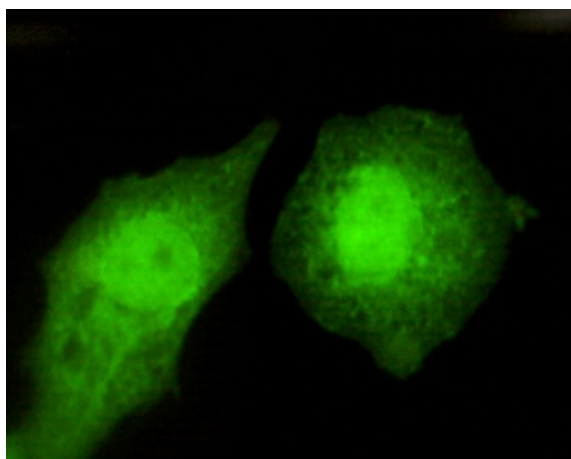
Products Images



Western Blot analysis using TBL1XR1 Monoclonal Antibody against mouse brain, mouse heart, K562 cell lysate.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using TBL1XR1 Monoclonal Antibody.



Immunofluorescence analysis of HeLa cells using TBL1XR1 Monoclonal Antibody.