

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

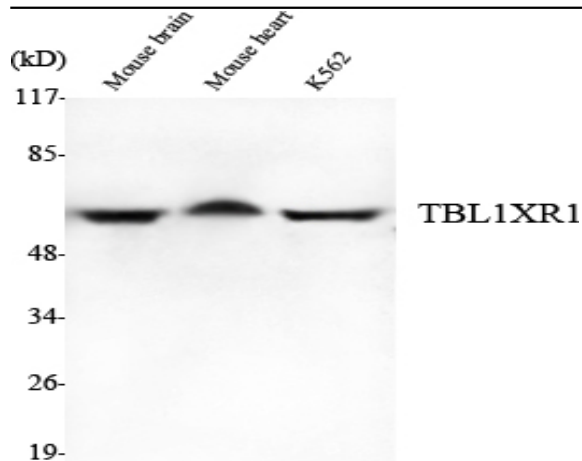
Background : This gene is a member of the WD40 repeat-containing gene family and shares sequence similarity with transducin (beta)-like 1X-linked (TBL1X). The protein encoded by this gene is thought to be a component of both nuclear receptor corepressor (N-CoR) and histone deacetylase 3 (HDAC 3) complexes, 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

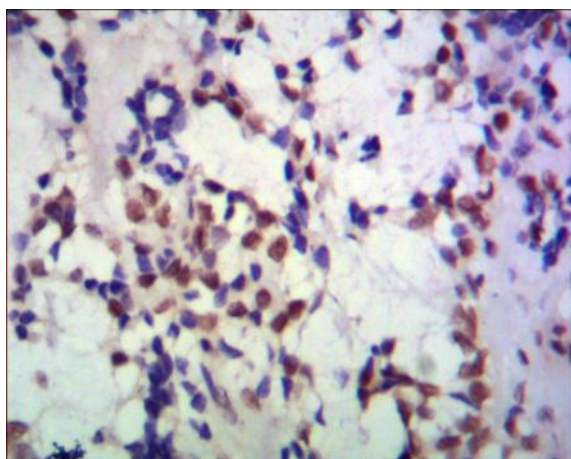
Subcellular Location : Nucleus .

Expression : Widely expressed including the pituitary, hypothalamus, white and brown adipose tissue, muscle and liver.

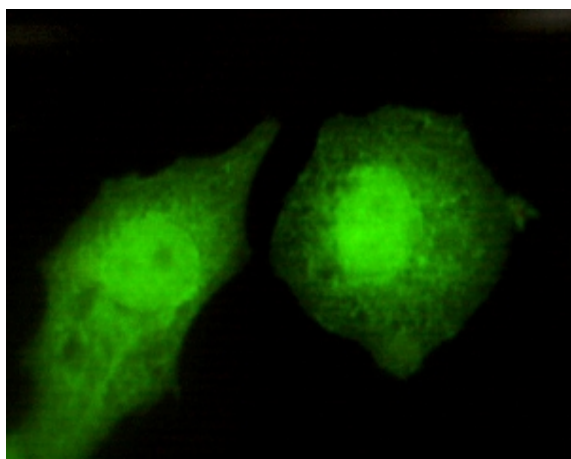
Products Images



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.