



TBL1XR1 Monoclonal Antibody

Catalog No	YP-Ab-03263
Isotype	IgG
Reactivity	Human;Mouse;Rat;Bovine;Chicken;Dog;Pig;Zebrafish
Applications	WB;IHC;IF
Gene Name	TBL1XR1
Immunogen	Purified recombinant human TBL1XR1 protein fragments expressed in E.coli.
Specificity	TBL1XR1 Monoclonal Antibody detects endogenous levels of TBL1XR1 protein.
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/1000 - 1/2000. Immunohistochemistry: 1/500 - 1/1000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C21;DC42;IRA1;TBL1 related protein 1;TBL1XR1;TBLR1;F-box-like/WD repeat-containing protein TBL1XR1;Nuclear receptor corepressor/HDAC3 complex subunit TBLR1;TBL1-related protein 1;Transducin beta-like 1X-related protein 1
Observed Band	
Calculated Molecular Weight	56kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed including the pituitary, hypothalamus, white and brown adipose tissue, muscle and liver.
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

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],

matters needing attention

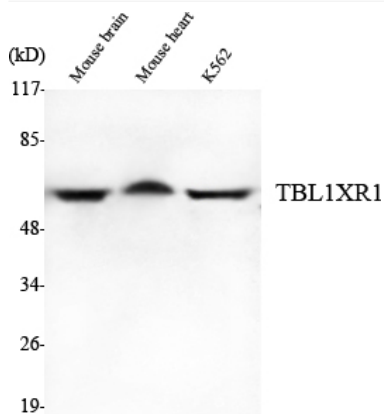
Avoid repeated freezing and thawing!

Usage suggestions

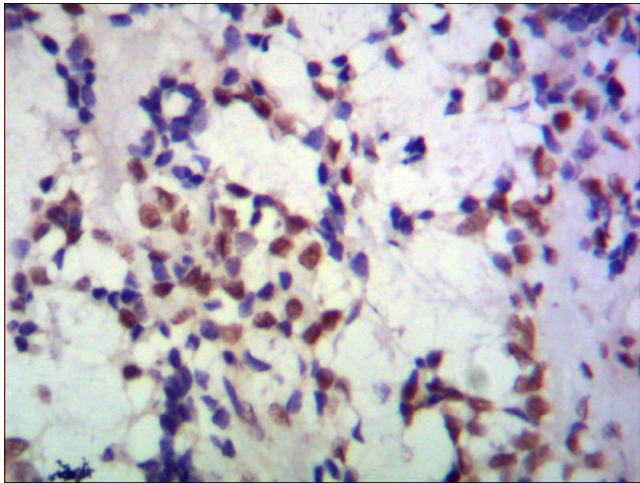
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



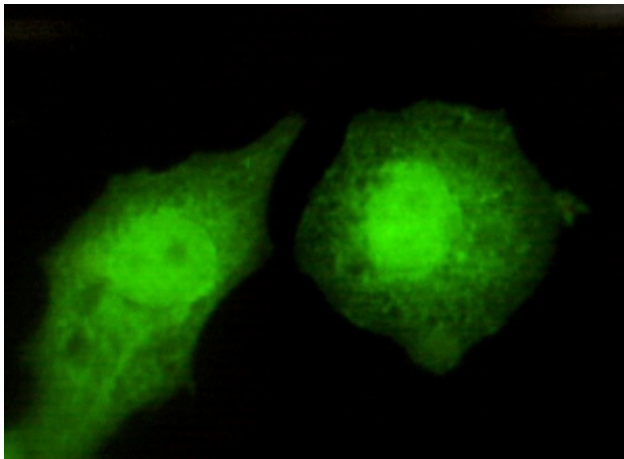
Products Images



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.