

## TBLR1 mouse mAb

<b>Catalog No :</b>	YM1250
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;ICC
<b>Target :</b>	TBLR1
<b>Fields :</b>	>>Wnt signaling pathway
<b>Gene Name :</b>	tbl1xr1
<b>Human Gene Id :</b>	79718
<b>Human Swiss Prot No :</b>	Q9BZK7
<b>Mouse Swiss Prot No :</b>	Q8BHJ5
<b>Immunogen :</b>	Purified recombinant human TBLR1 protein fragments expressed in E.coli.
<b>Specificity :</b>	This antibody detects endogenous levels of TBLR1 and does not cross-react with related proteins.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	wb 1:1000 icc 1:200 1:500-1:1000
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	60kD

**Cell Pathway :** WNT;WNT-T CELL

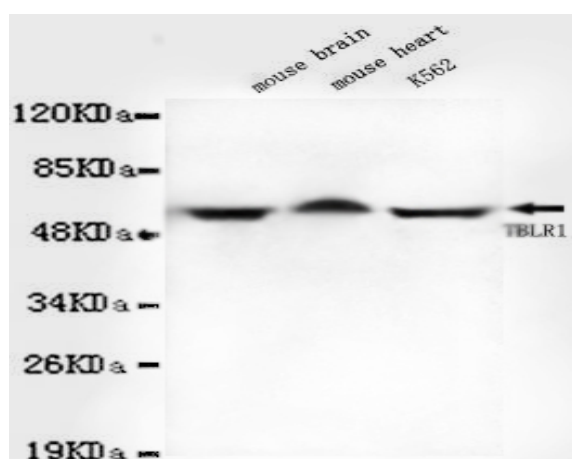
**Background :** This gene is a member of the WD40 repeat-containing gene family and shares sequence similarity with transducin (beta)-like 1X-linked (TBL1X). The protein encoded by this gene is thought to be a component of both nuclear receptor corepressor (N-CoR) and histone deacetylase 3 (HDAC 3)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

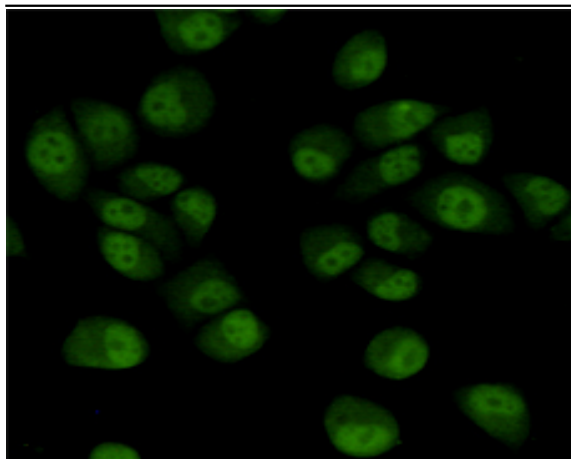
**Subcellular Location :** Nucleus .

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

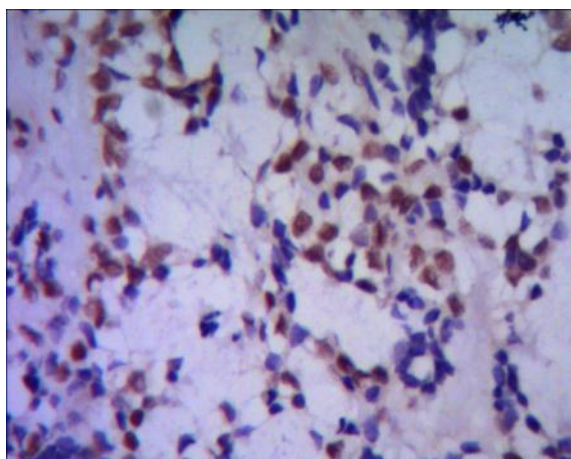
## Products Images



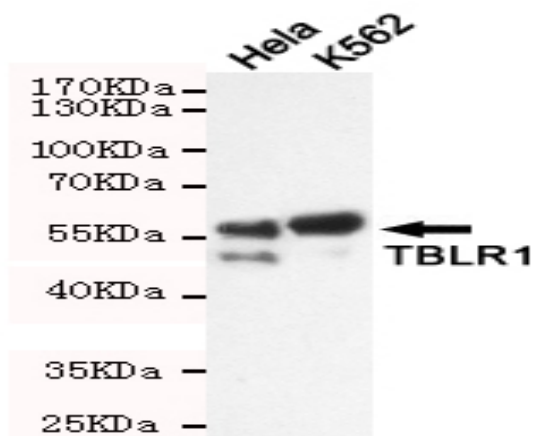
Western blot detection of TBLR1 in Mouse brain, Mouse heart and K562 cell lysates using TBLR1 mouse mAb (1:1000 diluted). Predicted band size: 60KDa. Observed band size: 60KDa.



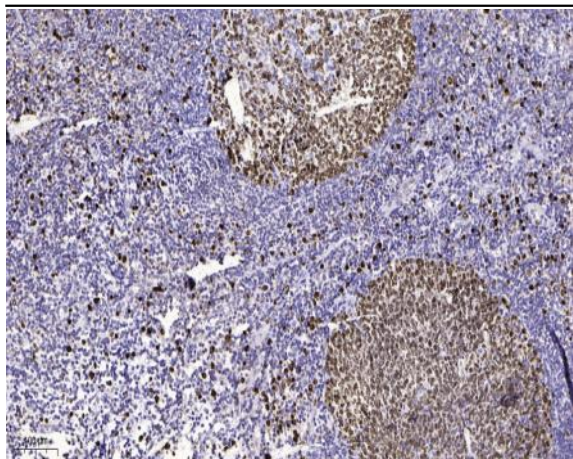
Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using TBLR1 mouse mAb (dilution 1:200).



IHC of paraffin-embedded human 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).