

TBLR1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52686

Specification

TBLR1 Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Isotype
Calculated MW

WB, ICC, IHC

O9BZK7

Human, Mouse

Mouse

Monoclonal

IgG1

60 KDa

TBLR1 Antibody - Additional Information

Gene ID 79718

Other Names

C21;DC42;F box like/WD repeat containing protein TBL1XR1;F-box-like/WD repeat-containing protein TBL1XR1;FLJ12894;IRA1;Nuclear receptor corepressor/HDAC3 complex subunit;Nuclear receptor corepressor/HDAC3 complex subunit TBLR1;TBL1 related protein 1;TBL1-related protein 1;TBL1R_HUMAN;TBL1XR1;Transducin (beta) like 1 X linked receptor 1;Transducin beta like 1X related protein 1;Transducin beta-like 1X-related protein 1.

Dilution

WB~~1:1000 ICC~~1:200 IHC~~1:100

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

TBLR1 Antibody - Protein Information

Name TBL1XR1

Synonyms IRA1, TBLR1

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 proteasomal degradation of N-Cor complex, thereby allowing cofactor exchange, and transcription activation.



Cellular Location Nucleus.

Tissue Location

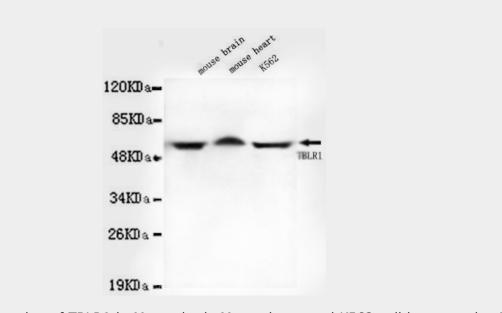
Widely expressed including the pituitary, hypothalamus, white and brown adipose tissue, muscle and liver

TBLR1 Antibody - Protocols

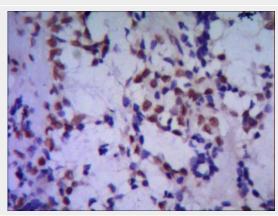
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TBLR1 Antibody - Images

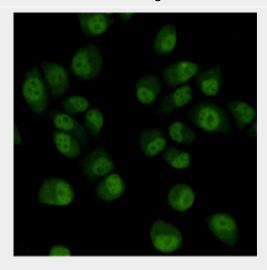


Western blot detection of TBLR1 in Mouse brain, Mouse heart and K562 cell lysates using TBLR1 mouse mAb (1:1000 diluted). Predicted band size: 60KDa. Observed band size: 60Kda.





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



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

TBLR1 Antibody - Background

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TBLR1 Antibody - References

Zhang J., et al. Mol. Cell 9:611-623(2002).

Zhang X., et al. Exp. Hematol. 28:1286-1296(2000).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Yoon H.-G., et al. EMBO J. 22:1336-1346(2003).