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TBLR1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52686

Product Information

Application	WB, ICC, IHC
Primary Accession	Q9BZK7
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	55595

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.

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

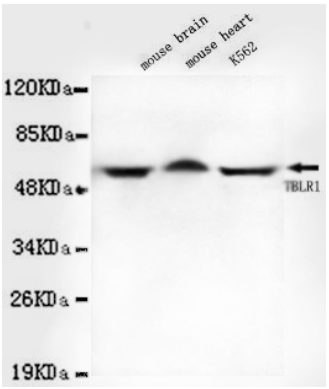
Background

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.

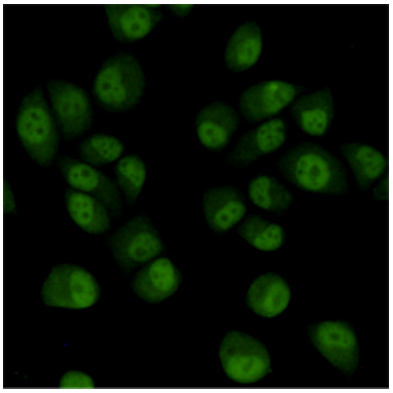
References

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).

Images

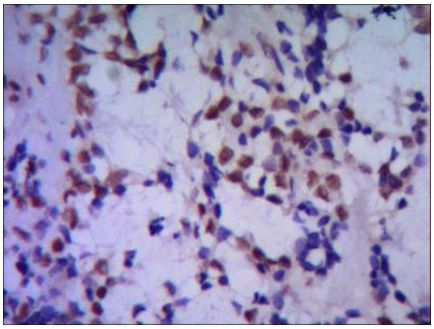


Western blot detection of TBLR1 in Mouse brain,Mouse heart and K562 cell lysates using TBLR1 mouse mAb (1:1000 diluted).Predicted band size: 60KDa.Observed band size: 60Kda.



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

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



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