

TBLR1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11121**Specification**

TBLR1 Antibody - Product Information

Application	WB
Primary Accession	Q9BZK7
Other Accession	AAK00301
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55595

TBLR1 Antibody - Additional Information**Gene ID** 79718

Positive Control
Application & Usage

Western blot: Human brain cell lysate
Western blot: 1-3 µg/ml. However, the
optimal conditions should be determined
individually.

Other Names

F-Box-Like/WD Repeat-Containing Protein; Transducin β -Like 1X-Related Protein 1

Target/Specificity

TBLR1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

50 µg of antibody in 100 µl PBS containing 0.2% gelatin and 0.05% sodium azide.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TBLR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TBLR1 Antibody - Images

TBLR1 Antibody - Background

Chromatin organization plays a fundamental role in regulating transcription in eukaryotic cells. The nuclear receptor corepressor (N-CoR) and silencing mediator of retinoid and thyroid hormone receptors (SMRT) play a role in diverse transcriptional repression pathways. N-CoR and SMRT each exist in large protein complexes, and are thought to mediate repression, at least in part, by their ability to recruit histone deacetylases (HDAC) to generate repressive chromatin. HDAC3 is the main HDAC that associates with N-CoR and SMRT complexes and its presence is thought to be essential for repression. TBLR1 is a WD-40 repeat protein that also associates with N-CoR and SMRT complexes. Although TBLR1 is thought to be a core component of both the N-CoR and SMRT complexes, its role in these complexes remains to be elucidated.