



## Rabbit Anti-TBLR1 antibody

SL4220R

<b>Product Name:</b>	TBLR1
<b>Chinese Name:</b>	转导素β1X连锁受体蛋白1抗体
<b>Alias:</b>	C21; DC42; F box like/WD repeat containing protein TBL1XR1; IRA1; nuclear receptor co-repressor/HDAC3 complex subunit; Nuclear receptor corepressor/HDAC3 complex subunit; TBL1 related protein 1; TBL1-related protein 1; TBL1XR1; Transducin (beta) like 1 X linked receptor 1; Transducin beta like 1X related protein 1; TBL1R_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	55kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TBLR1:231-330/514
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	TBLR1 is an F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. It plays an essential role in transcription activation mediated by nuclear receptors and probably acts as an integral component of the N-Cor corepressor complex that mediates the

recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of the N-Cor complex, thereby allowing cofactor exchange, and transcription activation.

**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.

**Subunit:**

Component of the N-Cor repressor complex, at least composed of NCOR1, NCOR2, HDAC3, TBL1X, TBL1XR1, CORO2A and GPS2. Probable component of some E3 ubiquitin ligase complex. Interacts with histones H2B and H4.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Ubiquitous.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Similarity:**

Belongs to the WD repeat EBI family.

Contains 1 F-box-like domain.

Contains 1 LisH domain.

Contains 8 WD repeats.

**SWISS:**

Q9BZK7

**Gene ID:**

79718

**Database links:**

[Entrez Gene: 79718](#)Human

[Entrez Gene: 81004](#)Mouse

[Entrez Gene: 365755](#)Rat

[Omim: 608628](#)Human

[SwissProt: Q9BZK7](#)Human

[SwissProt: Q8BHJ5](#)Mouse

[Unigene: 581171](#)Human

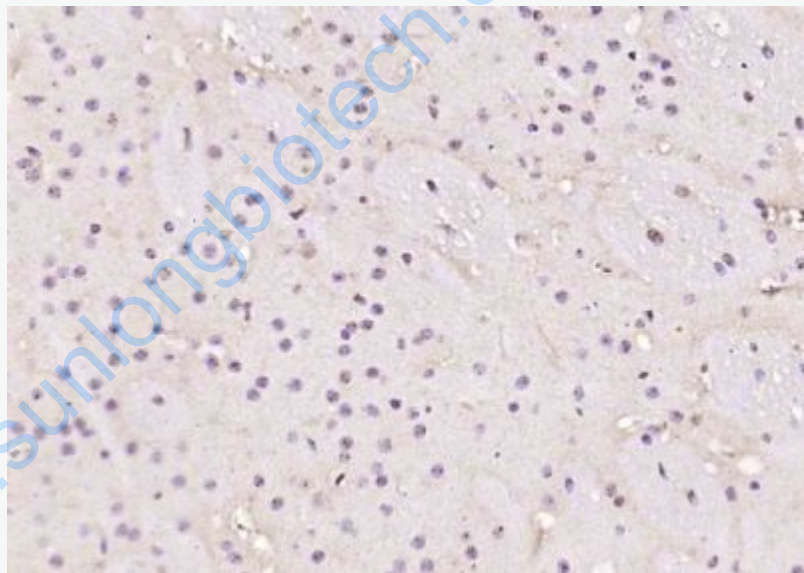
[Unigene: 202966](#)Mouse

[Unigene: 446265](#)Mouse

[Unigene: 140831](#)Rat

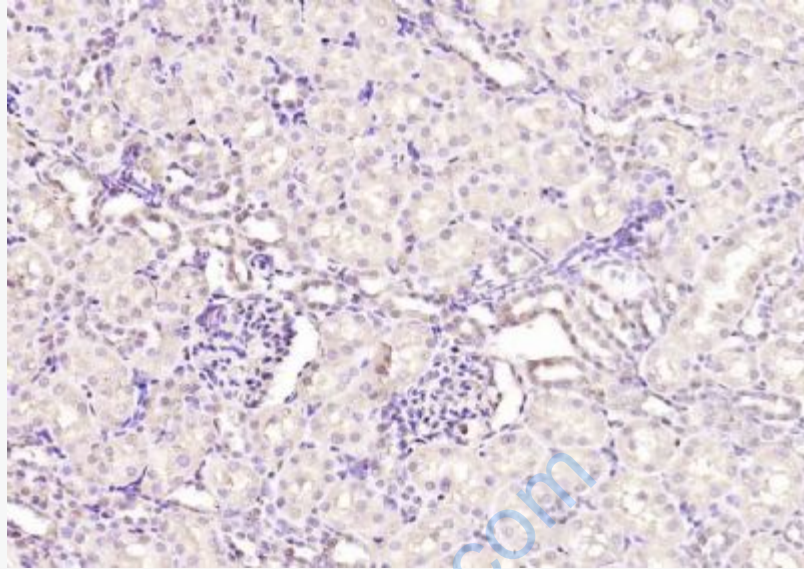
**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TBLR1) Polyclonal Antibody, Unconjugated (SL4220R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TBLR1) Polyclonal Antibody, Unconjugated (SL4220R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.