

Anti-TBR1 antibody



Catalog Number: 176544

Product name

Anti-TBR1 antibody

Specificity

Human, Mouse, Rat

Antibody description

Rabbit monoclonal antibody to TBR1

Preparation

This antigen of this antibody was synthetic peptide within human tbr1 aa 20-60.

Formulation

Liquid, 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol.
Preservative: 0.05% Sodium Azide.

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Clonality

Monoclonal

Ig Type

IgG

Applications

WB, IHC-P, FC

Dilutions

WB: 1:500-1:2,000

FC: 1:50-1:100

IHC-P: 1:50-1:200

Validations

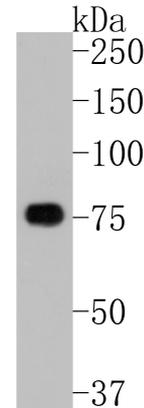


Fig1::; Western blot analysis of TBR1 on rat brain tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200,000 dilution was used for 1 hour at room temperature.

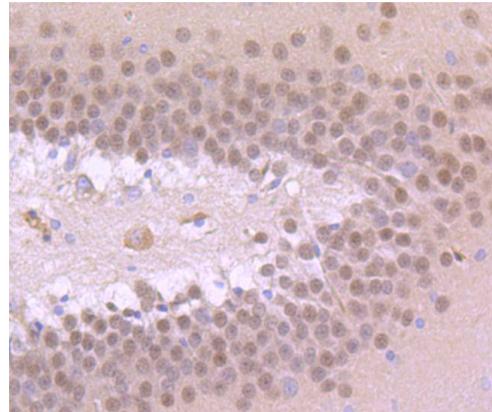


Fig2::; Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-TBR1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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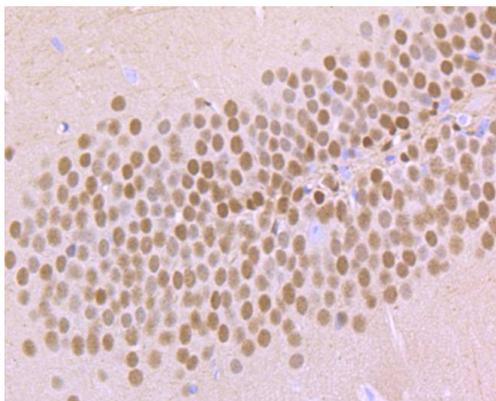
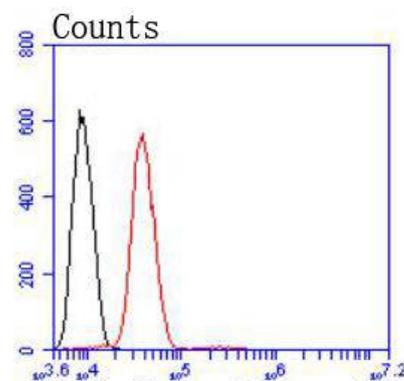


Fig3.; Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-TBR1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and



mounted with DPX. TBR1-Alexa Fluor 488

Fig4.; Flow cytometric analysis of TBR1 was done on SH-SY5Y cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).