

For Research Use Only

CoraLite®594-conjugated TBR1 Monoclonal antibody



Catalog Number: CL594-66564

1 Publications

Basic Information

Catalog Number:

CL594-66564

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15262

GenBank Accession Number:

BC104844

GeneID (NCBI):

10716

UNIPROT ID:

Q16650

Full Name:

T-box, brain, 1

Calculated MW:

682 aa, 74 kDa

Purification Method:

Protein G purification

CloneNo.:

5C3A5

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Cited Applications:

IF

Species Specificity:

Human, rat, mouse, pig

Cited Species:

human

Positive Controls:

IF-P : mouse brain tissue,

Background Information

TBR1, also named as T-box brain protein 1, is a 682 amino acid protein, which contains one T-box DNA-binding domain and localizes in the nucleus. TBR1 is expressed in the brain and as a transcriptional regulator is involved in developmental processes. TBR1 is required for normal brain development. The antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

Notable Publications

Author	Pubmed ID	Journal	Application
Aur�lie de Thonel	36385105	Nat Commun	IF

Storage

Storage:

Store at -20 C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20 C storage

For technical support and original validation data for this product please contact:

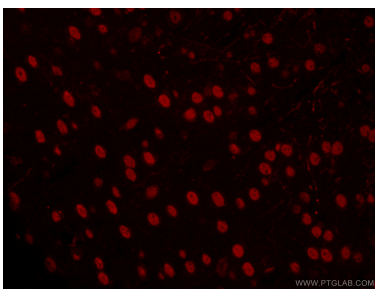
T: 4006900926

E: Proteintech-CN@ptglab.com

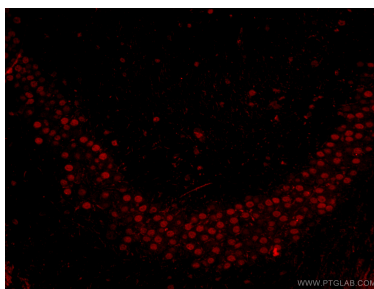
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-66564 (TBR1 antibody) at dilution of 1:50.



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