

TBR1 Recombinant Rabbit mAb
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Catalog # AP94802**Specification**

TBR1 Recombinant Rabbit mAb - Product Information

Application	IHC-P, WB
Primary Accession	Q64336
Reactivity	Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	73940

TBR1 Recombinant Rabbit mAb - Additional Information**Gene ID** 21375**Other Names**

T-box brain protein 1, T-brain-1, TBR-1, TES-56, Tbr1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

TBR1 Recombinant Rabbit mAb - Protein Information**Name** Tbr1**Function**

Transcriptional repressor involved in multiple aspects of cortical development, including neuronal migration, laminar and areal identity, and axonal projection (PubMed:11239428, PubMed:21285371, PubMed:9883721). As transcriptional repressor of FEZF2, it blocks the formation of the corticospinal (CS) tract from layer 6 projection neurons, thereby restricting the origin of CS axons specifically to layer 5 neurons (PubMed:21285371).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q16650}.

Tissue Location

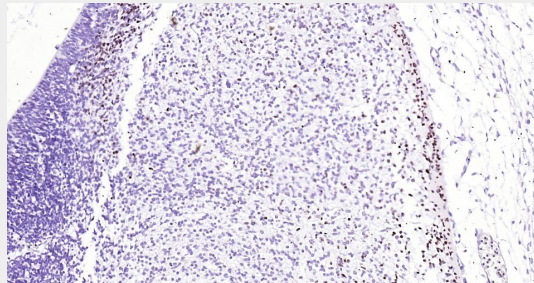
Expressed in the developing and adult cortex (PubMed:11239428). Expressed in the olfactory bulbs (PubMed:9883721)

TBR1 Recombinant Rabbit mAb - Protocols

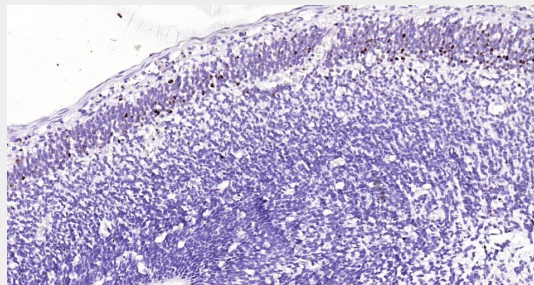
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

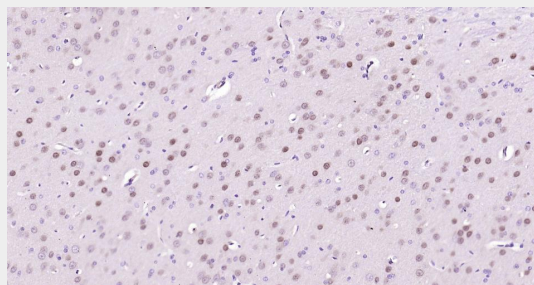
TBR1 Recombinant Rabbit mAb - Images



Paraformaldehyde-fixed, paraffin embedded Mouse Embryo; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TBR1 Monoclonal Antibody, Unconjugated(AP94802) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

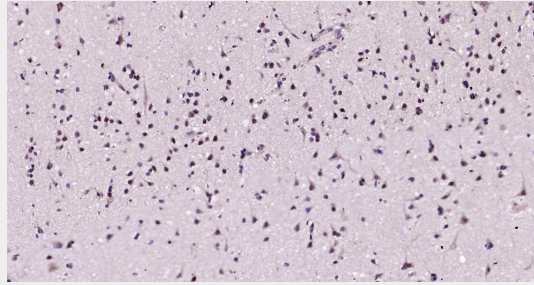


Paraformaldehyde-fixed, paraffin embedded Rat Embryo; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TBR1 Monoclonal Antibody, Unconjugated(AP94802) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

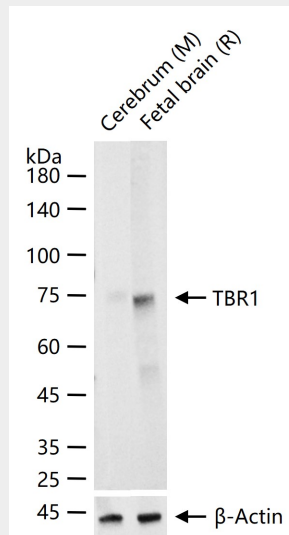


Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium

citrate buffer (pH6.0) for 15 min; Antibody incubation with TBR1 Monoclonal Antibody, Unconjugated(AP94802) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TBR1 Monoclonal Antibody, Unconjugated(AP94802) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



25 ug total protein per lane of various lysates (see on figure) probed with TBR1 monoclonal antibody, unconjugated (AP94802) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

TBR1 Recombinant Rabbit mAb - Background

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