

Product Name: TBR1 (3X17) Rabbit Monoclonal Antibody
Catalog #: AMRe18696

Summary

Production Name	TBR1 (3X17) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TBR1
Alternative Names	T box brain 1; T-brain-1; TBR 1; Tbr1; TES 56;
Gene ID	10716.0
SwissProt ID	Q16650.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	74kDa

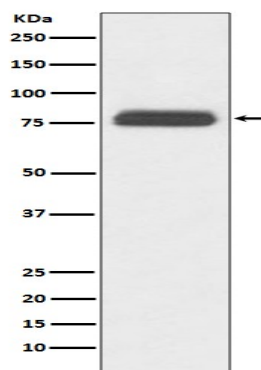
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Background

Probable transcriptional regulator involved in developmental processes. Required for normal brain development. Transcriptional repressor involved in multiple aspects of cortical development, including neuronal migration, laminar and areal identity, and axonal projection (PubMed: <http://www.uniprot.org/citations/25232744> target="_blank">25232744, PubMed: <http://www.uniprot.org/citations/30250039> target="_blank">30250039). 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 (By similarity).

Research Area

Image Data



Western blot analysis of TBR1 expression in human fetal brain lysate.

Note

For research use only.