

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
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

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:5000-1:50000,ICC/IF 1:100-1:200
Molecular Weight	74kDa

Antigen Information

Gene Name	TBR1
Alternative Names	T box brain 1; T-brain-1; TBR 1; Tbr1; TES 56;
Gene ID	10716.0
SwissProt ID	Q16650
Immunogen	A synthetic peptide of human TBR1

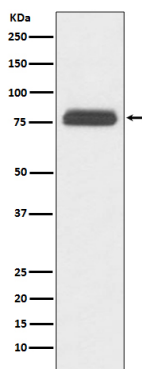
Background

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:25232744, PubMed: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.