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TBR1 Antibody

Rabbit mAb
Catalog # AP91091

Product Information

Application	WB
Primary Accession	Q16650
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	T box brain 1; T-brain-1; TBR 1; Tbr1; TES 56;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	74053

Additional Information

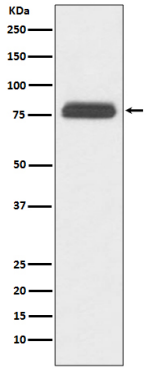
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TBR1
Description	Probable transcriptional regulator involved in developmental processes. Required for normal brain development.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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: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).
Cellular Location	Nucleus
Tissue Location	Brain.

Images

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



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