

Anti-TBR1 Rabbit Monoclonal Antibody

Catalog # ABO13505

Product Information

Application	WB
Primary Accession	Q16650
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TBR1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	10716
Other Names	T-box brain protein 1, T-brain-1, TBR-1, TES-56, TBR1
Calculated MW	74053
Application Details	WB 1:500-1:2000
Subcellular Localization	Nucleus.
Tissue Specificity	Brain.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AOEC-20
Immunogen	A synthesized peptide derived from human TBR1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

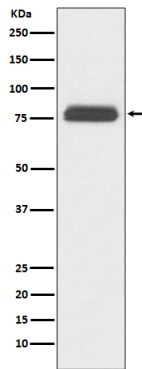
Name	TBR1
Function	Transcriptional repressor involved in multiple aspects of cortical development, including neuronal migration, laminar and areal identity, and

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.