10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TBR1 Rabbit Monoclonal Antibody

Catalog # ABO13505

Specification

Anti-TBR1 Rabbit Monoclonal Antibody - 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.

Anti-TBR1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 10716

Other Names
T-box brain protein 1, T-brain-1, TBR-1, TES-56, TBR1

Calculated MW
74053 MW KDa

Application Details
WB 1:500-1:2000

Subcellular Localization
Nucleus.

Tissue Specificity
Brain.

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.

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.**

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TBR1 Rabbit Monoclonal Antibody - 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

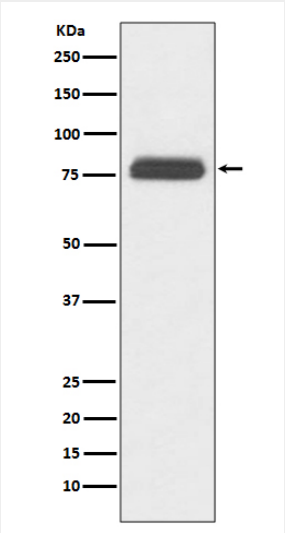
Tissue Location
Brain.

Anti-TBR1 Rabbit Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TBR1 Rabbit Monoclonal Antibody - Images



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