

Rabbit TBR1 Monoclonal Antibody | anti-TBR1 antibody

TBR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268414	Rabbit	Human, Mouse, Rat	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TBR1; Monoclonal Antibody; T-box brain protein 1; TES-56; anti-TBR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	JF10-00
Purity/Purification	Protein A affinity purified
Form/Format	1*TBS (pH 7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide
Sequence Length	682
Applicable Applications for anti-TBR1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Product Type	Recombinant Protein
Conjugation	AF488
Subcellular Location	Nucleus
Preparation and Storage	Store at +4°C after thawing. Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-TBR1 antibody	<p>A novel murine and human gene, TBR-1, encodes a putative transcription factor related to the Brachyury (T) gene that is expressed only in postmitotic cells. T-brain-1 (TBR-1) mRNA is largely restricted to the cerebral cortex, where, during embryogenesis, it defines different regions that give rise to the paleocortex, limbic cortex and neocortex. TBR-1, Pax-6 and Emx-1 are expressed in the mouse and chicken pallium. The pallio-subpallial boundary lies at the interface between the TBR-1 and Dlx-2 expression domains. Chicken genes homologous to these mouse genes are expressed in topologically comparable patterns during development, suggesting that mouse and chicken may have similar histogenetic specification processes and field homologies. CASK/LIN-2, a membrane-associated guanylate kinase, is required for EGFR localization and signaling. In adult rat brain, CASK is concentrated at neuronal synapses and binds to the cell-surface proteins. CASK can interact with TBR-1, which is involved in forebrain development. CASK enters into the nucleus and binds to a specific DNA sequence (the T-element) in a complex with TBR-1. Thus, CASK acts as a coactivator of TBR-1 to induce transcription of T-element containing genes, including reelin. Immunogen: Synthetic peptide within Human TBR1 aa 30-75 / 682. Positive control: Mouse brain tissue lysates, rat brain tissue, mouse brain tissue, SH-SY5Y, rat hippocampus tissue, mouse hippocampus tissue.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730081
NCBI GeneID	10716
NCBI Accession #	NP_006584.1
NCBI GenBank Nucleotide #	NM_006593.3
UniProt Accession #	Q16650; Q14DC5; Q53TH0; Q56A81; B0AZS4; B2R6G5
Molecular Weight	Predicted band size: 74 kDa
NCBI Official Full Name	T-box brain protein 1
NCBI Official Synonym Full Names	T-box, brain 1
NCBI Official Symbol	TBR1
NCBI Official Synonym Symbols	TBR-1; TES-56
NCBI Protein Information	T-box brain protein 1
UniProt Protein Name	T-box brain protein 1
UniProt Gene Name	TBR1
UniProt Synonym Gene Names	T-brain-1; TBR-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tbr1-antibody-clone-jf10-00-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/268414>