

Product datasheet for TA329308

TBR1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-TBR1 antibody: synthetic peptide directed towards the middle region

of human TBR1. Synthetic peptide located within the following region: MAGANPYLGEEAEGLAAERSPLPPGAAEDAKPKDLSDSSWIETPSSIKSI

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 74 kDa

Gene Name: T-box, brain 1

Database Link: NP 006584

Entrez Gene 10716 Human

Q16650



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Background:

This gene is a member of a conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similar protein has been disrupted in mice and shown to be critical for early cortical development, and causes loss of projection neurons in the olfactory bulbs and olfactory cortex. The C-terminal region this similar protein was found to be necessary and sufficient for association with the guanylate kinase domain of calcium/calmodulin-dependent serine protein kinase. This gene is a member of a conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similar protein has been disrupted in mice and shown to be critical for early cortical development, and causes loss of projection neurons in the olfactory bulbs and olfactory cortex. The C-terminal region this similar protein was found to be necessary and sufficient for association with the guanylate kinase domain of calcium/calmodulin-dependent serine protein kinase.

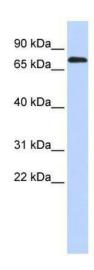
Synonyms: TBR-1; TES-56

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Human: 100%; Bovine: 100%; Mouse:

86%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-TBR1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human brain