

Datasheet for ABIN2777327 anti-TBR1 antibody (Middle Region)

1 Image

Alternative Name:



Overview 100 μL Quantity: Target: TBR1 Binding Specificity: Middle Region Reactivity: Human, Mouse, Cow, Dog, Pig Host: Rabbit Clonality: Polyclonal Conjugate: This TBR1 antibody is un-conjugated Application: Western Blotting (WB) **Product Details** Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human TBR1 MAGANPYLGE EAEGLAAERS PLPPGAAEDA KPKDLSDSSW IETPSSIKSI Sequence: Predicted Reactivity: Cow: 100%, Dog: 100%, Human: 100%, Mouse: 86%, Pig: 100% Characteristics: This is a rabbit polyclonal antibody against TBR1. It was validated on Western Blot using a cell lysate as a positive control. Purification: Affinity Purified **Target Details** Target: TBR1

TBR1 (TBR1 Products)

Target Details

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.

Alias Symbols: MGC141978, TES-56, TBR-1

Protein Interaction Partner: UBC, CASK, TSPYL2,

Protein Size: 682

Molecular Weight:	74 kDa
Gene ID:	10716
NCBI Accession:	NM_006593, NP_006584
UniProt:	Q16650

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 682 AA
Restrictions:	For Research Use only

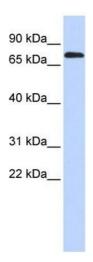
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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