

Datasheet for ABIN2777327

anti-TBR1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
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
Sequence:	MAGANPYLGE EAEGLA AERS PLPPGAAEDA KPKDLS DSSW IETPSSI KSI
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
Alternative Name:	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
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Molecular Weight:	74 kDa
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Gene ID:	10716
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NCBI Accession:	NM_006593 , NP_006584
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UniProt:	Q16650
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Application Details

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

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