

**ARG41812**  
**anti-TBR1 antibody**Package: 100 µl  
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes TBR1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TBR1
Species	Human
Immunogen	Synthetic peptide of Human TBR1.
Conjugation	Un-conjugated
Alternate Names	T-box brain protein 1; TBR-1; T-brain-1; TES-56

**Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human fetal brain	
Observed Size	~ 75 kDa	

**Properties**

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TBR1
Gene Full Name	T-box, brain, 1
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. [provided by RefSeq, Jul 2008]
Function	Probable transcriptional regulator involved in developmental processes. Required for normal brain development. [UniProt]
Calculated Mw	74 kDa
Cellular Localization	Nucleus. [UniProt]

Images

