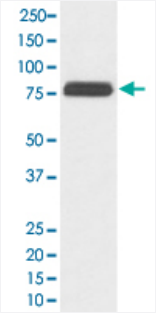
TBR1 monoclonal antibody, clone AOEC-20

Catalog # MAB20771 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human fetal brain tissue lysate with TBR1 monoclonal antibody, clone AOEC-20 (Cat # MAB20771).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TBR1.
Immunogen	A synthetic peptide corresponding to human TBR1.
Host	Rabbit
Theoretical MW (kDa)	74.053
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — TBR1

Entrez GeneID	10716
Protein Accession#	Q16650
Gene Name	TBR1
Gene Alias	MGC141978, TES-56
Gene Description	T-box, brain, 1
Omim ID	604616
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of a conserved family of genes that share a common DNA-binding domai n, 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. Th e C-terminal region this similar protein was found to be necessary and sufficient for association w ith the guanylate kinase domain of calcium/calmodulin-dependent serine protein kinase. [provided by RefSeq
Other Designations	T-brain-1

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease