

EOMES (TBR2) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP2703a**Specification**

EOMES (TBR2) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [O95936](#)**EOMES (TBR2) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 8320**Other Names**

Eomesodermin homolog, T-box brain protein 2, T-brain-2, TBR-2, EOMES, TBR2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2703a](/products/AP2703a) was selected from the N-term region of human EOMES. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EOMES (TBR2) Antibody (N-term) Blocking peptide - Protein Information**Name** EOMES**Synonyms** TBR2**Function**

Functions as a transcriptional activator playing a crucial role during development. Functions in trophoblast differentiation and later in gastrulation, regulating both mesoderm delamination and endoderm specification. Plays a role in brain development being required for the specification and the proliferation of the intermediate progenitor cells and their progeny in the cerebral cortex. Also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes.

Cellular Location

Nucleus.

Tissue Location

Expressed in CD8+ T-cells.

EOMES (TBR2) Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

EOMES (TBR2) Antibody (N-term) Blocking peptide - Images**EOMES (TBR2) Antibody (N-term) Blocking peptide - Background**

This protein is a member of a conserved protein family that shares a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similar protein disrupted in mice is shown to be essential during trophoblast development and gastrulation.

EOMES (TBR2) Antibody (N-term) Blocking peptide - References

Baala,L., Nat. Genet. 39 (4), 454-456 (2007)Intlekofer,A.M.,Nat. Immunol. 6 (12), 1236-1244 (2005)Kimura,N., Brain Res. Dev. Brain Res. 115 (2), 183-193 (1999)Yi,C.H.,Genomics 55 (1), 10-20 (1999)