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Anti-EOMES Antibody

Catalog # AP59738

Product Information

Application	WB
Primary Accession	O95936
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72732

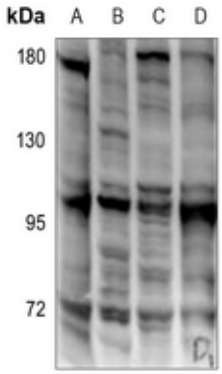
Additional Information

Gene ID	8320
Other Names	TBR2; Eomesodermin homolog; T-box brain protein 2; T-brain-2; TBR-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human EOMES. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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 (PubMed:17353897). Required for differentiation and migration of unipolar dendritic brush cells (PubMed:33488348). Also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes (PubMed:17566017).
Cellular Location	Nucleus.
Tissue Location	Expressed in CD8+ T-cells.

Images



Western blot analysis of EOMES expression in BV2 (A), C6 (B), A549 (C), Jurkat (D) whole cell lysates. (Predicted band size: 72 kD; Observed band size: 98 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.