

# EOMES Recombinant antibody

**Cat:**B36298S

**Company:** HaoKebio

**Uniprot ID:**O95936

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Human Mouse

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 74 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 67 kDa

WB:1:5000-1:50000

FC:1:200-1:600

**Background:**

Affinity purification

EOMES/TRB2 (also named Eomesodermin/Tbr2) encode T-box transcription factor expressed highly in the intermediate progenitor stage of the developing neuron. During migration of the neurons, radial glia divide and migrate towards the surface of the cerebral cortex, there are three stages of cellular development: radial glia, intermediate progenitors, and postmitotic projection neurons. Radial glia express Pax6, while intermediate progenitor cells express Eomesodermin/Tbr2, and postmitotic projection neurons express Tbr1. This process also called neurogenesis, and demonstrated that Eomesodermin/Tbr2 has been implicated in neurodevelopment. According to the mouse model, several articles showed that EOMES/TRB2 KO mice having proliferating cells decreased and having smaller upper cortical layers and a smaller sub ventricular zone in the brain. What's more, Eomesodermin/Tbr2 has also been found participating in immune response.

**Form:**

Liquid

**Storage Buffer:**

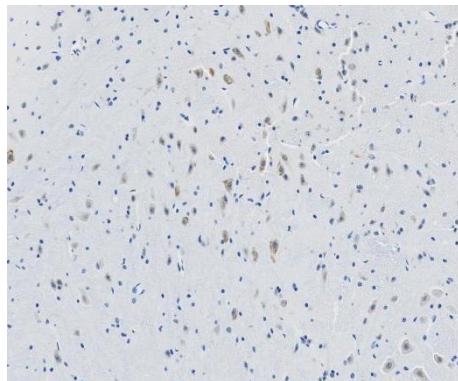
PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Sample: Mouse brain, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:EOMES(B36298S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:EOMES(B36298S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

EOMES, TBR2, 241036D9, Eomesodermin homolog, T box brain protein 2

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Nucleus

**Purity:**