

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:

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.

Synonyms:

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

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

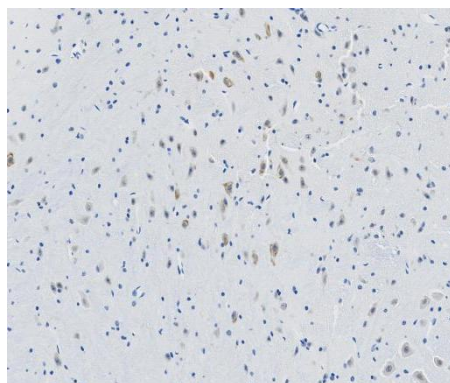
Storage:

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:

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