

Chicken EOMES Polyclonal Antibody | anti-EOMES antibody

EOMES (Eomesodermin Homolog, T-box Brain Protein 2, TBR2, T-brain-2, TBR-2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26885	Chicken	Mouse, Human, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EOMES; Polyclonal Antibody; EOMES (Eomesodermin Homolog; T-box Brain Protein 2; TBR2; T-brain-2; TBR-2); anti-EOMES antibody

PRODUCT SPECIFICATIONS

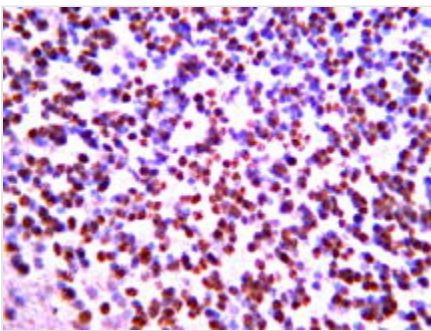
Host	Chicken
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Isotype	IgY
Specificity	Recognizes mouse Tbr2 observed at ~85/95kD. Target bands appear larger than the calculated molecular size of 74.8kD (isoform 1) and 72.7kD (isoform 2). Species Crossreactivity: human and rat
Purity/Purification	Purified by affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-EOMES antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1:1000 detected Tbr2 in mouse and human brain. Requires HIER with citrate buffer pH 6.0 WB: 0.05ug/ml detected Tbr2 in 10ug of E13-14 mouse brain lysates. Applications are based on unconjugated antibody.
Immunogen	Linear peptide corresponding to mouse EOMES, conjugated to KLH. Epitope: C-Terminus.
Conjugate	Biotin
Positive Control	E13-14 mouse brain lysate
Note	Preservative Free
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



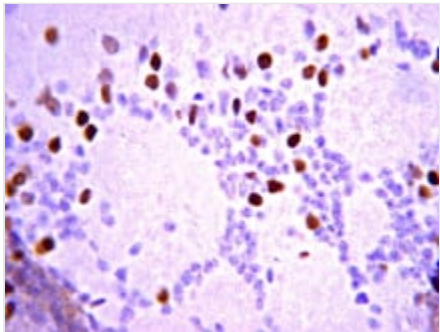
IHC (Immunohistochemistry)

Immunohistochemistry Analysis: Representative lot data. (Fig. 1 and 2) Paraffin-embedded mouse and human brain tissue was prepared using heat-induced epitope retrieval in citrate buffer, pH 6.0. Immunostaining was performed using a 1:100 dilution. Reactivity was detected using the IHC-Select Detection Kit. Staining pattern appears as cytoplasmic. (Fig. 3 and 4) Paraffin-embedded mouse and mouse olfactory lobe and cerebellum brain tissue was prepared using heat-induced epitope retrieval in citrate buffer, pH 6.0. Immunostaining was performed using a Chicken IgY Antibody 1:100 dilution of Cat. No. AB15894, anti-Tbr2. Reactivity was detected using the IHC-Select Detection Kit. Immunoreactivity seen here is mostly nuclear.



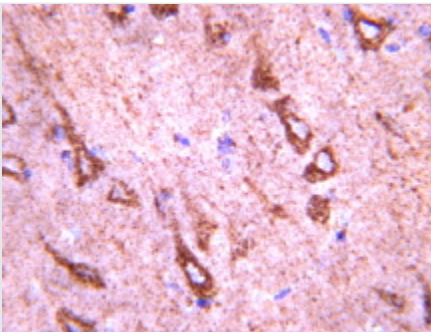
IHC (Immunohistochemistry)

Paraffin-embedded mouse cerebellum was prepared using epitope retrieval in citrate buffer, pH 6.0. Staining was performed using 1:100 dilution. Immuno-reactivity is mostly nuclear.



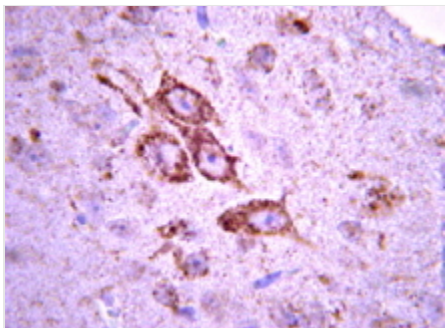
IHC (Immunohistochemistry)

Paraffin-embedded mouse olfactory lobe was prepared using epitope retrieval in citrate buffer, pH 6.0. Staining was performed using a 1:100 dilution. Reactivity is mostly nuclear.



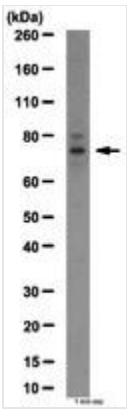
IS (Immunostaining)

Paraffin-embedded human brain tissue was prepared using heat-induced epitope retrieval in citrate buffer, pH 6.0. Immunostaining was performed using a 1:100 dilution. Staining pattern appears as cytoplasmic.



IS (Immunostaining)

Paraffin-embedded mouse brain tissue was prepared using heat-induced epitope retrieval in citrate buffer, pH 6.0. Immunostaining was performed using a 1:100 dilution. Staining pattern appears as cytoplasmic.



WB (Western Blot)

Western Blot Analysis: Representative lot data. E13-14 mouse brain lysate was resolved by electrophoresis, transferred to PVDF membranes and probed with (1:10,000) dilution. Proteins were visualized using a Rabbit Anti-Chicken conjugated to HRP and a chemi-luminescence detection system. Arrow indicates Tbr2 (~73 kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-EOMES antibody	Antibodies; Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83921572
NCBI GeneID	13813

NCBI Accession #	NP_034266
NCBI GenBank Nucleotide #	NM_010136
UniProt Accession #	O54839
Molecular Weight	75kDa
NCBI Official Full Name	eomesodermin homolog isoform 1
NCBI Official Synonym Full Names	eomesodermin
NCBI Official Symbol	Eomes
NCBI Official Synonym Symbols	Tbr2; TBR-2; C77258
NCBI Protein Information	eomesodermin homolog
UniProt Protein Name	Eomesodermin homolog
UniProt Gene Name	Eomes
UniProt Synonym Gene Names	Tbr2; T-brain-2; TBR-2
UniProt Entry Name	EOMES_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eomes-antibody-immunohistochemistry-western-blot-elisa/26885>