

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
AAA26889	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

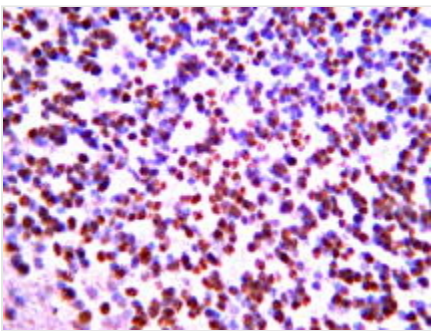
Host	Chicken
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Isotype	IgY
Specificity	Recognizes mouse Tbr2 observed at ~85/95kD. Target bands appear larger than the calculated molecular size of 74.8kD (isoform 1) and 72.7kD (isoform 2). Species Crossreactivity: human and rat
Purity/Purification	Purified by affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
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	MaxLight490
Positive Control	E13-14 mouse brain lysate
Note	Preservative Free
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



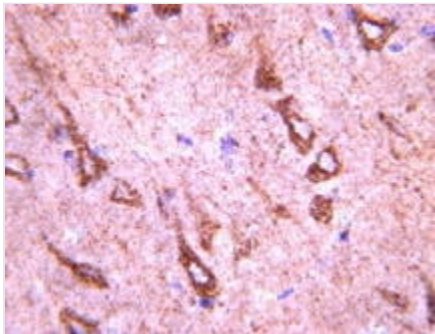
IHC (Immunohistochemistry)

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.



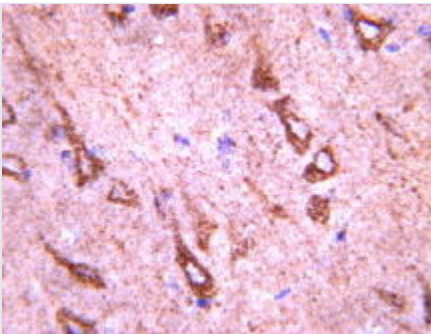
IHC (Immunohistochemistry)

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.



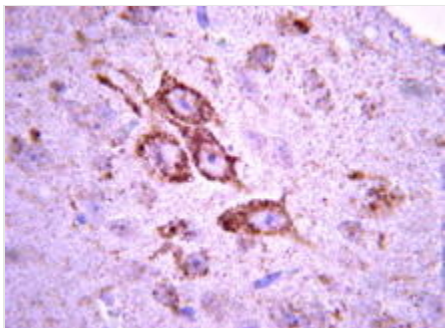
IHC (Immunohistochemistry)

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.



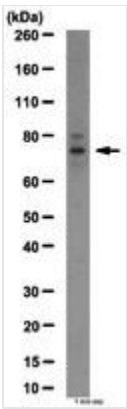
IS (Immunostaining)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eomes-antibody-immunohistochemistry-western-blot-elisa/26889>