

Datasheet for ABIN2779928
anti-EOMES antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EOMES
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EOMES antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human Eomes
Sequence:	SSDSGVYN SA CKRKRLSPST PSNGNSPPIK CEDINTEEYS KDTSKGMGAY
Predicted Reactivity:	Cow: 80%, Dog: 80%, Guinea Pig: 80%, Mouse: 100%, Rat: 87%
Characteristics:	This is a rabbit polyclonal antibody against Eomes. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EOMES
Alternative Name:	Eomes (EOMES Products)
Background:	Eomes functions as a transcriptional activator playing a crucial role during development.

Target Details

Eomes functions in trophoblast differentiation and later in gastrulation, regulating both mesoderm delamination and endoderm specification. Eomes 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. Eomes also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes.

Alias Symbols: C77258, Tbr2, TBR-2

Protein Size: 707

Molecular Weight: 75 kDa

Gene ID: 13813

NCBI Accession: [NM_010136](#), [NP_034266](#)

UniProt: [O54839](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 707 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

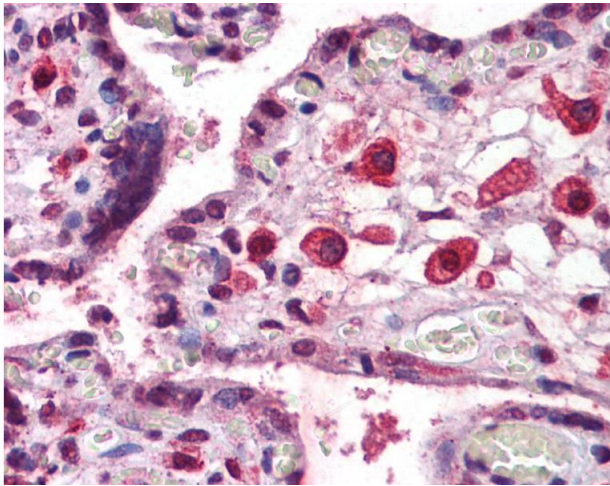
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

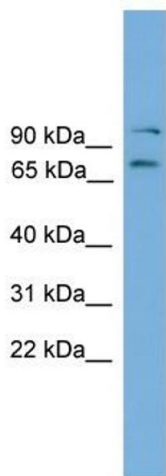
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-Eomes Antibody Titration: 0.2-1 ug/ml Positive Control: Mouse Muscle