

Datasheet for ABIN7151810
anti-EOMES antibody (AA 562-676)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	EOMES
Binding Specificity:	AA 562-676
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EOMES antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Eomesodermin homolog protein (562-676AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	EOMES
Alternative Name:	EOMES (EOMES Products)
Background:	Background: Functions as a transcriptional activator playing a crucial role during development. Functions in trophoblast differentiation and later in gastrulation, regulating both mesoderm

Target Details

delamination and endoderm specification. 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. Also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes.

Aliases: eomes antibody, EOMES_HUMAN antibody, Eomesodermin antibody, Eomesodermin homolog antibody, t box brain 2 antibody, T-box brain protein 2 antibody, T-brain-2 antibody, Tbr 2 antibody, TBR-2 antibody

UniProt: [O95936](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

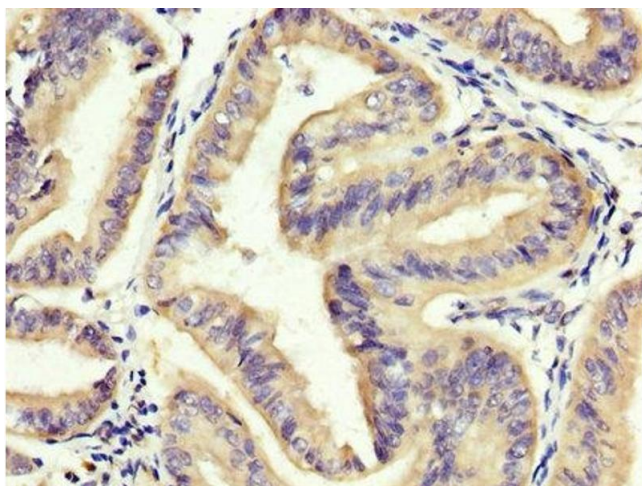
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

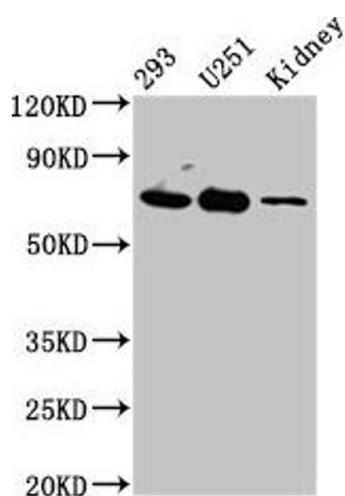
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



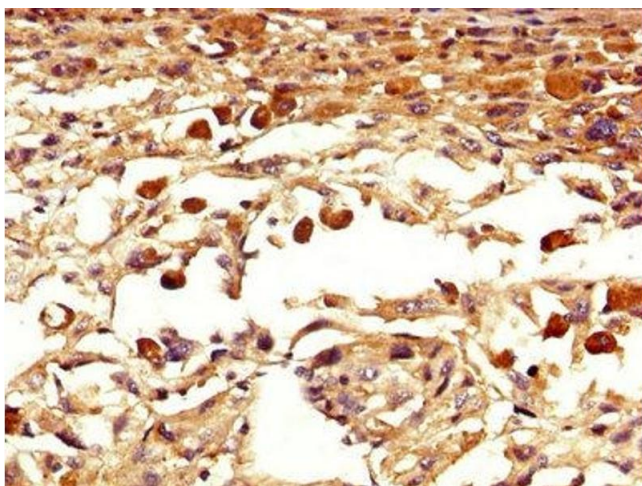
Immunohistochemistry

Image 1. IHC image of ABIN7151810 diluted at 1:400 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: 293 whole cell lysate, U251 whole cell lysate, Rat kidney tissue All lanes: EOMES antibody at 4.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 73, 48, 46, 75 kDa Observed band size: 73 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7151810 diluted at 1:400 and staining in paraffin-embedded human melanoma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.