Datasheet for ABIN1881298

# anti-EOMES antibody (N-Term)

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## Overview

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| Quantity: | 400 µL |
| Target: | EOMES |
| Binding Specificity: | AA 28-57, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | This EOMES antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-57 amino acids from the N-terminal region of human EOMES. |
| Clone: | RB40942 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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| Target: | EOMES |
| Alternative Name: | EOMES (EOMES Products) |
| Background: | This gene encodes a member of a conserved protein family that shares a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. A similiar gene disrupted in mice is shown to be essential during |

## Target Details

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| | trophoblast development and gastrulation. |
| Molecular Weight: | 72732 |
| NCBI Accession: | NP_001265111, NP_001265112, NP_005433 |
| UniProt: | O95936 |
| Pathways: | Stem Cell Maintenance |

## Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

## Handling

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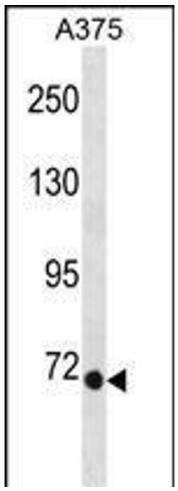
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

## Publications

| | |
|---|---|
| Product cited in: | Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: **Journal of cellular and molecular medicine**, Vol. 15, Issue 10, pp. 2106-16, (2011) (PubMed).<br><br>Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: **The Journal of biological chemistry**, Vol. 284, Issue 12, pp. 8174-84, (2009) (PubMed). |




**Western Blotting**

**Image 1.** EOMES Antibody (N-term) (ABIN1881298 and ABIN2838730) western blot analysis in cell line lysates (35 µg/lane).This demonstrates the EOMES antibody detected the EOMES protein (arrow).