

**ENY2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5379a****Specification**

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**ENY2 Antibody (N-term) - Product Information**

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|-------------------|--------------------------------------------------------------------------------------------------------|
| Application       | WB,E                                                                                                   |
| Primary Accession | <a href="#">O9NPA8</a>                                                                                 |
| Other Accession   | <a href="#">O3KPT5</a> , <a href="#">O9JIX0</a> , <a href="#">O3ZBJ0</a> , <a href="#">NP_064574.1</a> |
| Reactivity        | Human, Mouse                                                                                           |
| Predicted         | Bovine, Xenopus                                                                                        |
| Host              | Rabbit                                                                                                 |
| Clonality         | Polyclonal                                                                                             |
| Isotype           | Rabbit IgG                                                                                             |
| Calculated MW     | 11529                                                                                                  |
| Antigen Region    | 2-31                                                                                                   |

**ENY2 Antibody (N-term) - Additional Information****Gene ID** 56943**Other Names**

Transcription and mRNA export factor ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}, Enhancer of yellow 2 transcription factor homolog {ECO:0000255|HAMAP-Rule:MF\_03046}, ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}

**Target/Specificity**

This ENY2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human ENY2.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ENY2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ENY2 Antibody (N-term) - Protein Information**

**Name** ENY2 {ECO:0000255|HAMAP-Rule:MF\_03046}

**Function** Involved in mRNA export coupled transcription activation by association with both the TREX-2 and the SAGA complexes. The transcription regulatory histone acetylation (HAT) complex SAGA is a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor- mediated transactivation (PubMed:[18206972](#), PubMed:[21746879](#)). As a component of the TREX-2 complex, involved in the export of mRNAs to the cytoplasm through the nuclear pores (PubMed:[23591820](#)).

**Cellular Location**

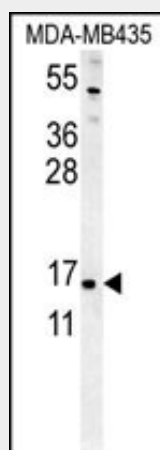
Nucleus, nucleoplasm {ECO:0000255|HAMAP- Rule:MF\_03046, ECO:0000269|PubMed:22307388}.  
Note=Localization at the nuclear pore complex requires NUP153 and TPR

**ENY2 Antibody (N-term) - Protocols**

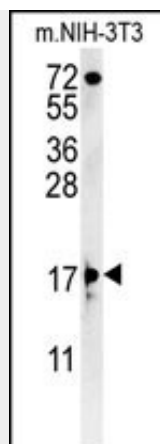
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ENY2 Antibody (N-term) - Images**



ENY2 Antibody (N-term)(Cat. #AP5379a) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the ENY2 antibody detected the ENY2 protein (arrow).



ENY2 Antibody (N-term)(Cat. #AP5379a) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the ENY2 antibody detected the ENY2 protein (arrow).

#### **ENY2 Antibody (N-term) - References**

Zhao, Y., et al. Mol. Cell 29(1):92-101(2008)  
Georgieva, S., et al. Mol. Cell. Biol. 21(15):5223-5231(2001)