

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

ENY2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9NPA8
Other Accession	Q3KPT5 , Q9JIX0 , Q3ZBJ0 , NP_064574.1
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

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

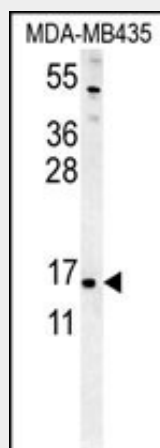
Nucleus, nucleoplasm {ECO:0000255|HAMAP- Rule:MF_03046, ECO:0000269|PubMed:22307388}.
Note=Localization at the nuclear pore complex requires NUP153 and TPR

ENY2 Antibody (N-term) - Protocols

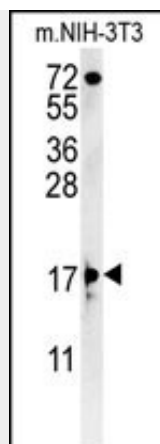
Provided below are standard protocols that you may find useful for product applications.

- [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)