

PYHIN1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5376a

Product Information

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|--------------------------|--|
| Application | WB, IHC-P, FC, E |
| Primary Accession | Q6K0P9 |
| Other Accession | Q16666 , NP_945146.1 , NP_945148.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB26421 |
| Antigen Region | 26-55 |

Additional Information

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|---------------------------|--|
| Other Names | Pyrin and HIN domain-containing protein 1, Interferon-inducible protein X, PYHIN1, IFIX |
| Target/Specificity | This PYHIN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human PYHIN1. |
| Dilution | WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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 | PYHIN1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

Background

PYHIN1 belongs to the HIN200 family of interferon-inducible proteins that share a 200-amino acid signature motif at their C-terminal ends. HIN200 proteins are primarily nuclear and are involved in transcriptional regulation of genes important for cell cycle control, differentiation, and apoptosis (Ding et al., 2006 [PubMed 16479015]).

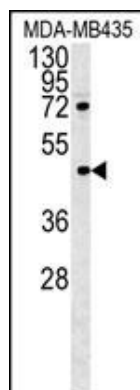
References

Yamaguchi, H., et al. Mol. Carcinog. 47(10):739-743(2008)

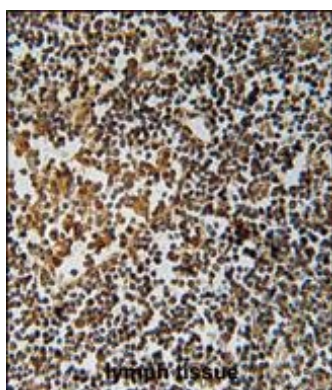
Ding, Y., et al. Mol. Cell. Biol. 26(5):1979-1996(2006)

Ding, Y., et al. Oncogene 23(26):4556-4566(2004)

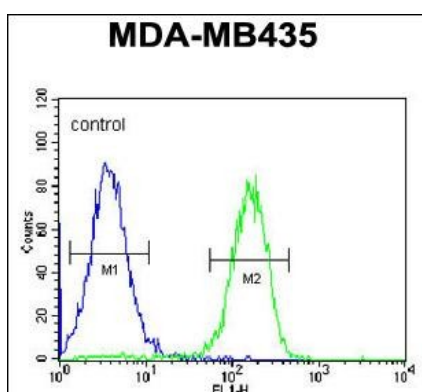
Images



PYHIN1 Antibody (N-term)(Cat. #AP5376a) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the PYHIN1 antibody detected the PYHIN1 protein (arrow).



PYHIN1 Antibody (N-term) (Cat. #AP5376a) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PYHIN1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



PYHIN1 Antibody (N-term) (Cat. #AP5376a) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.