

**FAM173A Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18033a****Specification**

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**FAM173A Antibody (N-term) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB,E                                                 |
| Primary Accession | <a href="#">Q9BQD7</a>                               |
| Other Accession   | <a href="#">Q501J2</a> , <a href="#">NP_076422.1</a> |
| Reactivity        | Human                                                |
| Predicted         | Mouse                                                |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Antigen Region    | 27-56                                                |

**FAM173A Antibody (N-term) - Additional Information****Gene ID** 65990**Other Names**

Protein FAM173A, FAM173A, C16orf24

**Target/Specificity**

This FAM173A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human FAM173A.

**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**

FAM173A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAM173A Antibody (N-term) - Protein Information****Name** ANTKMT {ECO:0000303|PubMed:31213526, ECO:0000312|HGNC:HGNC:14152}**Function** Mitochondrial protein-lysine N-methyltransferase that trimethylates adenine nucleotide translocases ANT2/SLC25A5 and ANT3/SLC25A6, thereby regulating mitochondrial respiration

(PubMed:[31213526](#)). Probably also trimethylates ANT1/SLC25A4 (PubMed:[31213526](#)).

#### Cellular Location

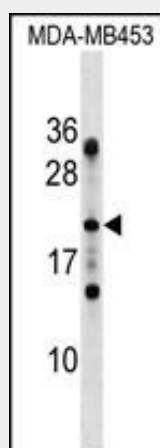
Mitochondrion membrane; Single-pass membrane protein

#### FAM173A 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](#)

#### FAM173A Antibody (N-term) - Images



FAM173A Antibody (N-term) (Cat. #AP18033a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the FAM173A antibody detected the FAM173A protein (arrow).

#### FAM173A Antibody (N-term) - Background

FAM173A belongs to the FAM173 family.

#### FAM173A Antibody (N-term) - References

Stelzl, U., et al. Cell 122(6):957-968(2005)  
Daniels, R.J., et al. Hum. Mol. Genet. 10(4):339-352(2001)