

**FAM172A Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14487c****Specification**

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**FAM172A Antibody (Center) - Product Information**

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| Application       | WB,E                                                                                     |
| Primary Accession | <a href="#">Q8WUF8</a>                                                                   |
| Other Accession   | <a href="#">Q5ZK44</a> , <a href="#">NP_001156889.1</a> , <a href="#">NP_001156890.1</a> |
| Reactivity        | Human                                                                                    |
| Predicted         | Chicken                                                                                  |
| Host              | Rabbit                                                                                   |
| Clonality         | Polyclonal                                                                               |
| Isotype           | Rabbit IgG                                                                               |
| Antigen Region    | 203-232                                                                                  |

**FAM172A Antibody (Center) - Additional Information****Gene ID** 83989**Other Names**

Protein FAM172A, FAM172A, C5orf21

**Target/Specificity**

This FAM172A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-232 amino acids from the Central region of human FAM172A.

**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**

FAM172A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAM172A Antibody (Center) - Protein Information****Name** ARB2A ([HGNC:25365](#))**Synonyms** C5orf21, FAM172A

**Function** Plays a role in the regulation of alternative splicing, by interacting with AGO2 and CHD7. Seems to be required for stabilizing protein-protein interactions at the chromatin-spliceosome interface. May have hydrolase activity.

**Cellular Location**

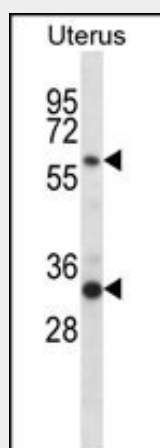
Nucleus {ECO:0000250|UniProtKB:Q3TNH5}. Cytoplasm {ECO:0000250|UniProtKB:Q3TNH5}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q3TNH5}

**FAM172A Antibody (Center) - 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](#)

**FAM172A Antibody (Center) - Images**



FAM172A Antibody (Center) (Cat. #AP14487c) western blot analysis in human normal Uterus tissue lysates (35ug/lane). This demonstrates the FAM172A antibody detected the FAM172A protein (arrow).

**FAM172A Antibody (Center) - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press : Li, L.X., et al. Zhonghua Yi Xue Za Zhi 89(36):2574-2577(2009) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

**FAM172A Antibody (Center) - Citations**

- [Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity.](#)