

CU002 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10782b**Specification**

CU002 Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	O43822
Other Accession	NP_004919.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28340
Antigen Region	169-198

CU002 Antibody (C-term) - Additional Information**Gene ID** 755**Other Names**

Protein C21orf2, C21orf-HUMF09G85, YF5/A2, C21orf2

Target/Specificity

This CU002 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-198 amino acids from the C-terminal region of human CU002.

Dilution

FC~~1:10~50

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

CU002 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CU002 Antibody (C-term) - Protein Information**Name** CFAP410 ([HGNC:1260](#))

Function Plays a role in cilia formation and/or maintenance (By similarity). Plays a role in the regulation of cell morphology and cytoskeletal organization (PubMed:[21834987](#)). Involved in DNA damage repair (PubMed:[26290490](#)).

Cellular Location

Mitochondrion. Cytoplasm, cytoskeleton, cilium basal body. Cell projection, cilium, photoreceptor outer segment. Cytoplasm Note=Colocalizes with NEK1 and SPATA7 at the basal body

Tissue Location

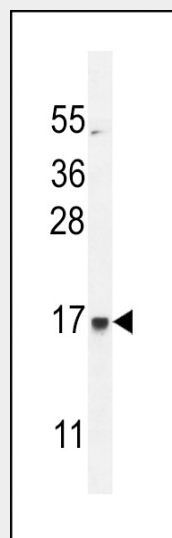
Widely expressed (PubMed:26974433, PubMed:9325172). Expressed in the retina (PubMed:26294103)

CU002 Antibody (C-term) - Protocols

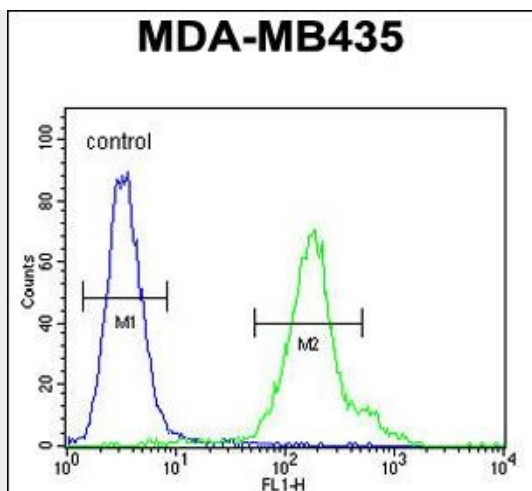
Provided below are standard protocols that you may find useful for product applications.

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

CU002 Antibody (C-term) - Images



CU002 Antibody (C-term) (Cat. #AP10782b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the CU002 antibody detected the CU002 protein (arrow).



CU002 Antibody (C-term) (Cat. #AP10782b) 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.

CU002 Antibody (C-term) - References

- Lamesch, P., et al. Genomics 89(3):307-315(2007)
- Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
- Shim, K.S., et al. J. Neural Transm. Suppl. 67, 117-128 (2003) :
- Scott, H.S., et al. Genomics 47(1):64-70(1998)