

CB018 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10502c

Specification

CB018 Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q8N357
Other Accession	NP_060347.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40214
Antigen Region	329-358

CB018 Antibody (C-term) - Additional Information

Gene ID 54978

Other Names

Solute carrier family 35 member F6, ANT2-binding protein, ANT2BP, Transport and Golgi organization 9 homolog, SLC35F6, C2orf18

Target/Specificity

This CB018 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 329-358 amino acids from the C-terminal region of human CB018.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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

CB018 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CB018 Antibody (C-term) - Protein Information

Name SLC35F6

Synonyms C2orf18

Function Involved in the maintenance of mitochondrial membrane potential in pancreatic ductal adenocarcinoma (PDAC) cells. Promotes pancreatic ductal adenocarcinoma (PDAC) cell growth. May play a role as a nucleotide-sugar transporter.

Cellular Location

Mitochondrion. Lysosome membrane; Multi-pass membrane protein

Tissue Location

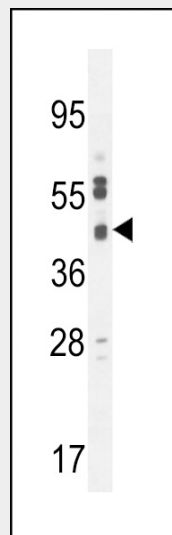
Expressed in pancreatic ductal adenocarcinoma (PDAC) (at protein level). Strongly expressed in prostate and thyroid Weakly expressed in lung, heart, liver and kidney

CB018 Antibody (C-term) - Protocols

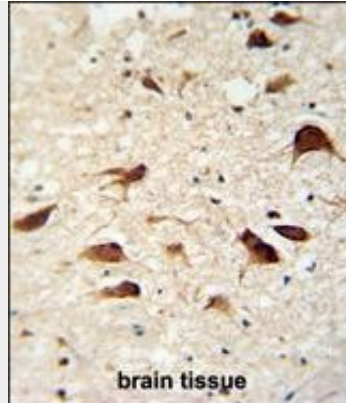
Provided below are standard protocols that you may find useful for product applications.

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

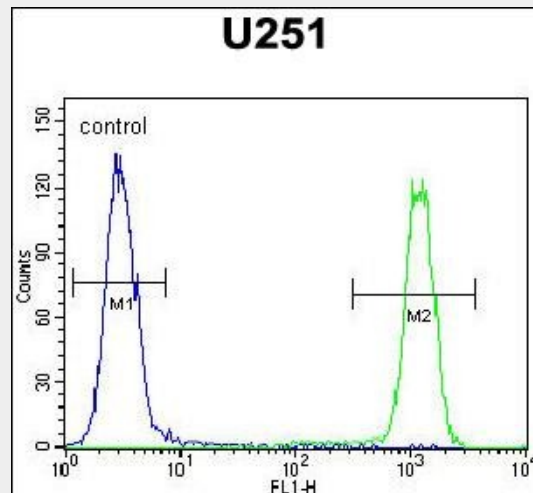
CB018 Antibody (C-term) - Images



CB018 Antibody (C-term) (Cat. #AP10502c) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the CB018 antibody detected the CB018 protein (arrow).



CB018 antibody (C-term) (Cat. #AP10502c) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CB018 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CB018 Antibody (C-term) (Cat. #AP10502c) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

CB018 Antibody (C-term) - Background

The exact function of C2orf18 remains unknown. It contains 1 DUF6 domain.

CB018 Antibody (C-term) - References

- Kashiwaya, K., et al. Cancer Sci. 100(3):457-464(2009)
- Stelzl, U., et al. Cell 122(6):957-968(2005)
- Hillier, L.W., et al. Nature 434(7034):724-731(2005)
- Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)