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EFCB7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14097b

Specification

EFCB7 Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	A8K855
Other Accession	NP_115813.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**71981**
Antigen Region	**434-462**

EFCB7 Antibody (C-term) - Additional Information

Gene ID 84455

Other Names
EF-hand calcium-binding domain-containing protein 7, EFCAB7, KIAA1799

Target/Specificity
This EFCB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 434-462 amino acids from the C-terminal region of human EFCB7.

Dilution
WB~~1:1000
IHC-P~~1:10~50
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
EFCB7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

EFCB7 Antibody (C-term) - Protein Information

Name EFCAB7

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Synonyms KIAA1799

Function Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling. Required for the localization of the EVC2:EVC subcomplex at the base of primary cilia.

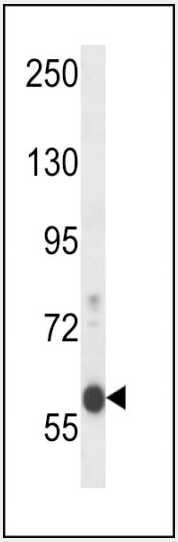
Cellular Location
Cell projection, cilium membrane {ECO:0000250|UniProtKB:Q8VDY4}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8VDY4}; Cytoplasmic side {ECO:0000250|UniProtKB:Q8VDY4}. Note=The EvC complex localizes at the base of cilia in the EvC zone of primary cilia in a EFCAB7-dependent manner. {ECO:0000250|UniProtKB:Q8VDY4}

EFCB7 Antibody (C-term) - Protocols

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

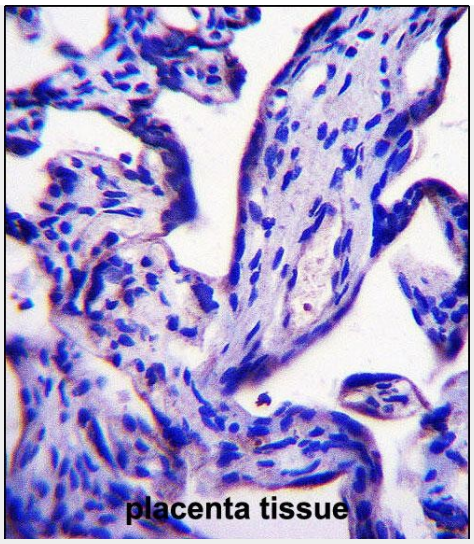
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EFCB7 Antibody (C-term) - Images

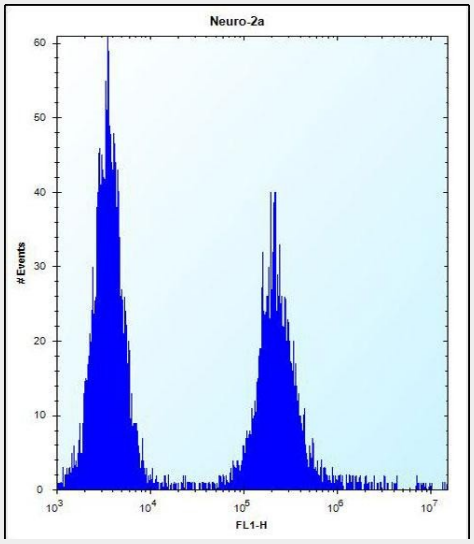


EFCB7 Antibody (C-term) (Cat. #AP14097b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the EFCB7 antibody detected the EFCB7 protein (arrow).

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EFCB7 Antibody (C-term) (Cat. #AP14097b)immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of EFCB7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



EFCB7 Antibody (C-term) (Cat. #AP14097b) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

EFCB7 Antibody (C-term) - References

Mehrle, A., et al. Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006) :
Wiemann, S., et al. Genome Res. 14 (10B), 2136-2144 (2004) :