

# EFCB7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14097b

## Product Information

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|                   |                             |
|-------------------|-----------------------------|
| Application       | WB, IHC-P, FC, E            |
| Primary Accession | <a href="#">A8K855</a>      |
| Other Accession   | <a href="#">NP_115813.2</a> |
| Reactivity        | Human, Mouse                |
| Predicted         | Rat, Bovine, Canine, Rabbit |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Clone Names       | RB29845                     |
| Calculated MW     | 71981                       |
| Antigen Region    | 434-462                     |

## Additional Information

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|                    |                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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~~1:100~500 FC~~1:10~50 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        | EFCB7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

## Protein Information

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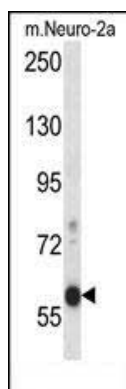
|          |          |
|----------|----------|
| Name     | EFCAB7   |
| Synonyms | KIAA1799 |

|                          |                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Function</b>          | 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.                                                                                                                                                  |
| <b>Cellular Location</b> | 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} |

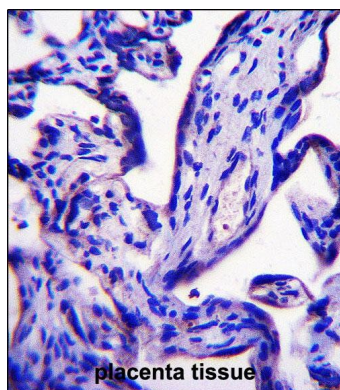
## References

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

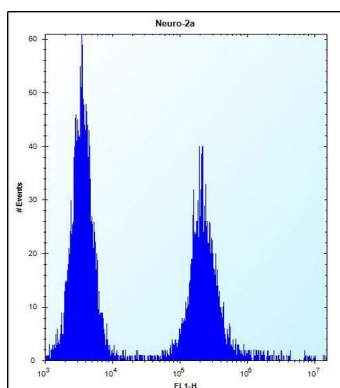
## Images



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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.