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# EFR3A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4982b

## Product Information

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|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | Q14156 |
| **Other Accession** | NP_055952 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB25694 |
| **Calculated MW** | 92924 |
| **Antigen Region** | 636-664 |

## Additional Information

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|---|---|
| **Gene ID** | 23167 |
| **Other Names** | Protein EFR3 homolog A, Protein EFR3-like, EFR3A, KIAA0143 |
| **Target/Specificity** | This EFR3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 636-664 amino acids from the C-terminal region of human EFR3A. |
| **Dilution** | WB~~1:1000 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** | EFR3A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | EFR3A ( HGNC:28970) |
| **Function** | Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:23229899, PubMed:25608530, PubMed:26571211). The complex acts as a regulator of phosphatidylinositol |

4-phosphate (PtdIns(4)P) synthesis (Probable). In the complex, EFR3A probably acts as the membrane-anchoring component (PubMed:23229899). Also involved in responsiveness to G protein-coupled receptors; it is however unclear whether this role is direct or indirect (PubMed:25380825).

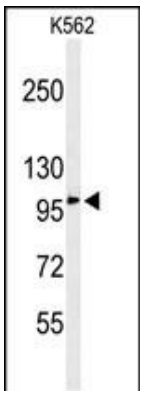
**Cellular Location**

Cell membrane; Lipid-anchor. Cytoplasm, cytosol. Note=Palmitoylation anchors the protein to the plasma membrane (PubMed:23229899, PubMed:25380825, PubMed:26571211). A small amount is observed in the cytosol (PubMed:25380825).

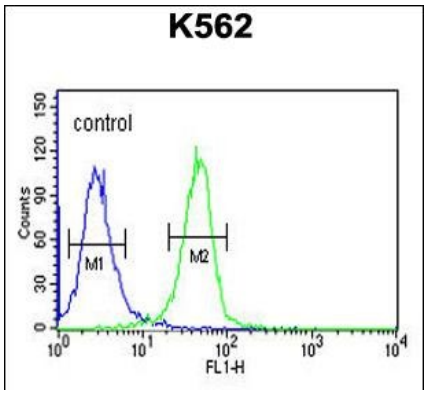
## References

Munemoto, Y., et al. Brain Res. Mol. Brain Res. 128(2):131-140(2004)

## Images




Western blot analysis of EFR3A Antibody (C-term) (Cat. #AP4982b) in K562 cell line lysates (35ug/lane). EFR3A (arrow) was detected using the purified Pab.




EFR3A Antibody (C-term) (Cat. #AP4982b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-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'.