10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EFR3A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4982b

Specification

EFR3A Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q14156
Other Accession	NP_055952
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**92924**
Antigen Region	**636-664**

EFR3A Antibody (C-term) - Additional Information

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

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.

EFR3A Antibody (C-term) - Protein Information

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).

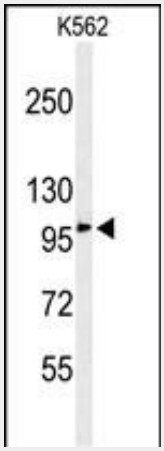
Cellular Location
Cell membrane; Lipid-anchor. Cytoplasm, cytosol. Note=Palmitoylation anchors the protein to the plasma membrane (PubMed:23229899, PubMed:25380825, PubMed:26571211). A small amount is observed in the cytosol (PubMed:25380825).

EFR3A Antibody (C-term) - Protocols

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

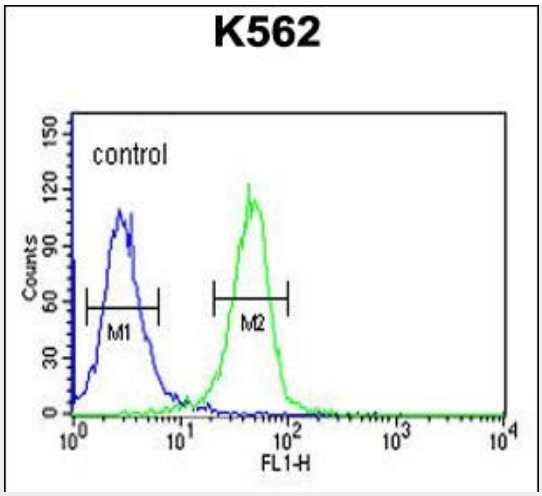
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EFR3A Antibody (C-term) - 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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.

EFR3A Antibody (C-term) - References

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