

EFR3B Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15810**Specification**

EFR3B Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9Y2G0
Other Accession	NM_014971 , NP_055786
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92kDa KDa

EFR3B Antibody - C-terminal region - Additional Information**Gene ID** 22979

Alias Symbol	KIAA0953
Other Names	
Protein EFR3 homolog B, EFR3B, KIAA0953	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-EFR3B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

EFR3B Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

EFR3B Antibody - C-terminal region - Protein Information**Name** EFR3B ([HGNC:29155](#))**Function**

Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:<[a href="http://www.uniprot.org/citations/23229899"](http://www.uniprot.org/citations/23229899)>23229899, PubMed:<[a href="http://www.uniprot.org/citations/25608530"](http://www.uniprot.org/citations/25608530)>25608530, PubMed:<[a href="http://www.uniprot.org/citations/26571211"](http://www.uniprot.org/citations/26571211)>26571211). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (Probable). In the complex, EFR3B probably acts as the membrane-anchoring component (PubMed:<[a href="http://www.uniprot.org/citations/23229899"](http://www.uniprot.org/citations/23229899)>23229899).

target="_blank">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

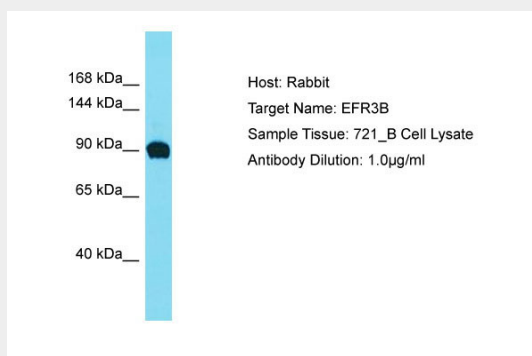
Cell membrane; Lipid-anchor. Cytoplasm, cytosol. Note=Palmitoylation anchors the protein to the plasma membrane (PubMed:23229899, PubMed:25380825). A small amount is observed in the cytosol (PubMed:25380825)

EFR3B Antibody - C-terminal region - 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](#)

EFR3B Antibody - C-terminal region - Images



Host: Rabbit

Target Name: EFR3B

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml EFR3B is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

EFR3B Antibody - C-terminal region - References

Nagase T., et al. DNA Res. 6:63-70(1999).

Hillier L.W., et al. Nature 434:724-731(2005).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Mayya V., et al. Sci. Signal. 2:RA46-RA46(2009).

Olsen J.V., et al. Sci. Signal. 3:RA3-RA3(2010).