

Rabbit anti-Human EFR3A Polyclonal Antibody | anti-EFR3A antibody

EFR3A Antibody (C-term)

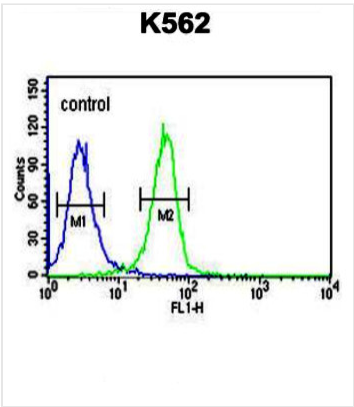
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287967	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

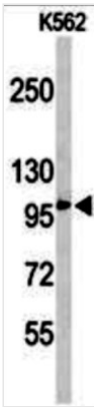
EFR3A; Polyclonal Antibody; EFR3A Antibody (C-term); Protein EFR3 homolog A; Protein EFR3-like; KIAA0143; anti-EFR3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	636-664
Sequence Length	821
Applicable Applications for anti-EFR3A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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).
Preparation and 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.



FCM/FACS (Flow Cytometry)
EFR3A Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Product Categories/Family for anti-EFR3A antibody	Cell Biology
References	Munemoto, Y., et al. Brain Res. Mol. Brain Res. 128(2):131-140(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	154146218
NCBI GeneID	23167
NCBI Accession #	NP_055952.2
NCBI GenBank Nucleotide #	NM_015137.4
UniProt Accession #	Q14156; Q2VPK2; Q63HL7; Q68DX1; Q6IQ18; A7MD19
NCBI Official Full Name	protein EFR3 homolog A
NCBI Official Synonym Full Names	EFR3 homolog A (S. cerevisiae)
NCBI Official Symbol	EFR3A
NCBI Protein Information	protein EFR3 homolog A
UniProt Protein Name	Protein EFR3 homolog A
UniProt Gene Name	EFR3A
UniProt Synonym Gene Names	KIAA0143
UniProt Entry Name	EFR3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.