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

RHCE antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12118

Product Information

Application	WB
Primary Accession	P18577
Other Accession	NM_138616, NP_619522
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45451

Additional Information

Gene ID	6006
Alias Symbol	CD240CE, MGC103977, RH, RH30A, RHC, RHE, RHIXB, RHPI, Rh4, RhIVb(J), RhVI, RhVIII
Other Names	Blood group Rh(CE) polypeptide, Rh polypeptide 1, RhPI, Rh30A, RhIXB, Rhesus C/E antigens, CD240CE, RHCE, RHC, RHE
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-RHCE 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	RHCE antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

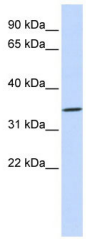
Name	RHCE (HGNC:10008)
Synonyms	RHC, RHE
Function	Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed:35835865). Mediates the primary membrane attachment site for ANK1 when associated with RHAG (PubMed:35835865). May participate in the ammonium and carbon dioxide transport through the heterotrimer form (Probable).
Cellular Location	Membrane; Multi-pass membrane protein.

Tissue Location	Restricted to tissues or cell lines expressing erythroid characters. Isoform 4g and isoform RhPI-Alpha are expressed in immature erythroblasts but not in mature erythroblasts

References

Cotorruelo,C.M.,(er)BMCMed.Genet.9(1),40(2008)InpressReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-RHCE Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate

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