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

GYPA antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15010

Product Information

Application	WB
Primary Accession	P02724
Other Accession	NM_002099, NP_002090
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16430

Additional Information

Gene ID	2993
Alias Symbol	CD235a, GPA, GPErik, GPSAT, GpMiIII, HGpMiIII, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS, PAS-2
Other Names	Glycophorin-A, MN sialoglycoprotein, PAS-2, Sialoglycoprotein alpha, CD235a, GYPA, GPA
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-GYPA 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	GYPA antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

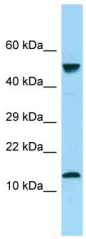
Name	GYPA (HGNC:4702)
Function	Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed:35835865). Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane.
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Appears to be

colocalized with SLC4A1

References

Siebert P.D.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:1665-1669(1986).
Tate C.G.,et al.Biochem. J. 254:743-750(1988).
Kudo S.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:4619-4623(1989).
Jawad K.,et al.Nucleic Acids Res. 18:5829-5836(1990).
Kudo S.,et al.J. Biochem. 116:183-192(1994).

Images



WB Suggested Anti-GYPA Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Kidney

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