

GYPA antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15010**Specification**

GYPA antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P02724
Other Accession	NM_002099 , NP_002090
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14kDa KDa

GYPA antibody - N-terminal region - Additional Information**Gene ID 2993**

Alias Symbol	CD235a, GPA, GPERik, GPSAT, GpMiIII, HGpMiIII, HGpMiV, HGpMiX, HGpMiXI, HGpSta(C), MN, MNS, PAS-2
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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.

GYPA antibody - N-terminal region - Protein Information

Name GYPA ([HGNC:4702](#))

Synonyms GPA

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.

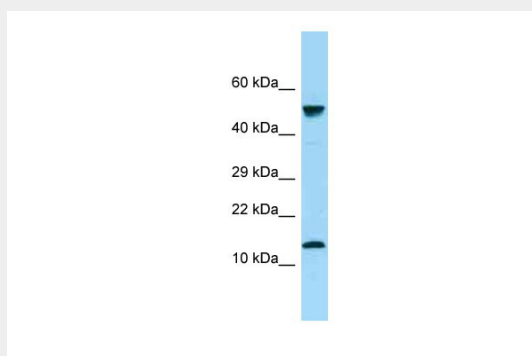
Cellular Location

Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1

GYPA antibody - N-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](#)

GYPA antibody - N-terminal region - Images

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

GYPA antibody - N-terminal region - 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).