

# 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, HGpMiII, HGpMiV, 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

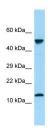
involved in translocation of SLC4A1 to the plasma membrane.

**Cellular Location** Cell membrane; Single-pass type I membrane protein Note=Appears to be

### 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'.