

Anti-B3AT(Band 3 anion transport protein) Polyclonal Antibody

Cat. #: 60C046

Description:

B3AT(Band 3 anion transport protein) is the major integral glycoprotein of the erythrocyte membrane. Band 3 has two functional domains. Its integral domain mediates a 1:1 exchange of inorganic anions across the membrane, whereas its cytoplasmic domain provides binding sites for cytoskeletal proteins, glycolytic enzymes, and hemoglobin. It spans the membrane asymmetrically and appears to be tetrameric.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human B3AT(Band 3 anion transport protein)

References

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Drickamer,L.K., J. Biol. Chem. 253 (20), 7242-7248 (1978)
Kollert-Jons,A., et al, Am. J. Physiol. 265 (6 PT 2), F813-F821 (1993)
Kawano,Y., et al, J. Biol. Chem. 263 (17), 8232-8238 (1988)
Jennings,M.L. and Smith,J.S., J. Biol. Chem. 267 (20), 13964-13971 (1992)
Okubo,K., et al, J. Biol. Chem. 266 (25), 16420-16424 (1991)

Clone Number:

Isotype:

Species: human

Storage and Stability: at -20°C

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)