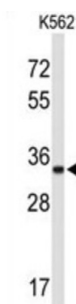
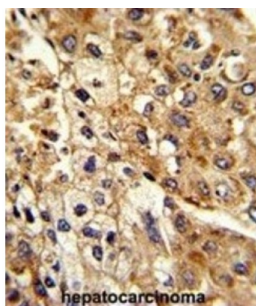
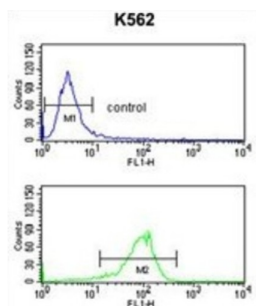


ATPase, Na⁺/K⁺ Transporting Beta 2 Polypeptide (ATP1B2) Antibody

Catalogue No.: abx034300



The protein belongs to the family of Na⁺/K⁺ and H⁺/K⁺ ATPases beta chain proteins, and to the subfamily of Na⁺/K⁺ ATPases. Na⁺/K⁺ ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. These gradients are essential for osmoregulation, for sodium-coupled transport of a variety of organic and inorganic molecules, and for electrical excitability of nerve and muscle. This enzyme is composed of two subunits, a large catalytic subunit (alpha) and a smaller glycoprotein subunit (beta). The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.

Target: ATPase, Na⁺/K⁺ Transporting Beta 2 Polypeptide (ATP1B2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Datasheet

Version: 3.0.0
Revision date: 01 Apr 2025



Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 115-141 amino acids from the Central region of human ATP1B2.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein A column, followed by peptide affinity purification.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P14415 ([UniProt](#), [ExPASy](#))

KEGG: hsa:482

String: [9606.ENSP00000250111](#)

Molecular Weight: Calculated MW: 33.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse, Rat, Cow and Rabbit ATP1B2.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.