

Recombinant

DGRmAb®

Sodium Potassium ATPase (DGR11403) Rabbit mAb (PBS Only)

db11038-PBS

Package : 10µg 100µg

Product Name : Sodium Potassium ATPase (DGR11403) Rabbit mAb (PBS Only)**Cat.No.:** db11038-PBS**Synonyms** : ATP1A1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the family of P-type cation transport ATPases, 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 catalytic subunit of Na⁺/K⁺ -ATPase is encoded by multiple genes. This gene encodes an alpha 1 subunit. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009]

Immunogen

A synthetic peptide of human Sodium Potassium ATPase

Gene ID

476

Swiss Prot

P05023

Synonyms

ATP1A1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Calculated MW

113 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11403

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.