Recombinant DGRmAb®

Sodium Potassium ATPase (DGR11403) Rabbit mAb

db11038 **Package : 10μL 20μL 50μL 100μL**

Product Name : Sodium Potassium ATPase (DGR11403) Rabbit mAb
Cat.No.: db11038
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
Recommended dilution	WB: 1:5000-1:50000 IHC-P: 1:50-1:100 ICC/IF: 1:200-1:500 FC: 1:20-1:100
Calculated MW	113 kDa
Observed MW	100 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR11403
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.