Recombinant DGRmAb®

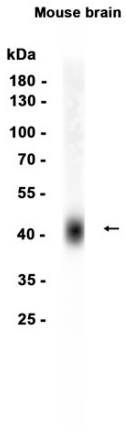
ATP1B2 (DGR16706) Rabbit mAb

db11211 **Package : 10μL 20μL 50μL 100μL**

Product Name : ATP1B2 (DGR16706) Rabbit mAb
Cat.No.: db11211
Synonyms : AMOG
Application : WB, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene 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. The glycoprotein subunit of Na+/K+ -ATPase is encoded by multiple genes. This gene encodes a beta 2 subunit. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]
Immunogen	A synthetic peptide of human ATP1B2
Gene ID	482, 11932, 24214
Swiss Prot	P14415, P14231, P13638
Synonyms	AMOG
Reactivity	Human,Mouse,Rat
Application	WB, IP
Recommended dilution	WB: 1:2000-1:20000 IP: 1:50-1:100
Calculated MW	33 kDa
Observed MW	45 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR16706
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.



Western blot analysis of extracts from Mouse brain tissue using db11211 at 1:1000.