

CAB24883

Product Information

Product SKU:	CAB24883	Gene ID:	476/477/478/480	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Rat

Additional Information

Observed MW:	100kDa	Conjugate:	Unconjugated
Calculated MW:	74kDa/109kDa/112kDa/113kDa	Isotype:	IgG
	a		

Immunogen Information

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.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	ATP1A1; ATPase Na ⁺ /K ⁺ transporting subunit alpha 1; Na /K -ATPase
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 386-595 of human Na /K -ATPase (NP_000692.2) .
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.