Recombinant ATP1A2 Antibody

Rabbit Monoclonal Antibody [Clone ATP1A2/13767R]

Catalog No	Format	Size
477-RBM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
477-RBM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
477-RBM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	ATP1A2/13767R
Immunogen	Recombinant full-length human ATP1A2 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	112.26kDa
Cellular Localization	Cell membrane, Membrane
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant ATP1A2 Antibody

Specificity & Comments

This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium, providing the energy for active transport of various nutrients.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.