

ATPase Conjugated Antibody

Catalog No: #C29094



Package Size: #C29094-AF350 100ul #C29094-AF405 100ul #C29094-AF488 100ul

#C29094-AF555 100ul #C29094-AF594 100ul #C29094-AF647 100ul

#C29094-AF680 100ul #C29094-AF750 100ul #C29094-Biotin 100ul

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Description

Product Name	ATPase Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	ATPase Antibody detects endogenous levels of total ATPase
Immunogen Description	A synthesized peptide derived from human ATPase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	A1A1, AT1A1, ATP1A1, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide, EC 3.6.3.9, Hypothetical protein MGC38419, Na ⁺ /K ⁺ ATPase 1, Na,K-ATPase 1, Sodium pump 1, Sodium/potassium-transporting ATPase alpha-1 chain precursor
Accession No.	Swiss-Prot#:P05023NCBI Gene ID:NCBI mRNA#:NCBI Protein#:
Uniprot	P05023
GeneID	476;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	112
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only