

Rabbit anti-Human ATPase beta3 Polyclonal Antibody | anti-ATPase beta3 antibody

ATPase beta3(Na⁺/K⁺) antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303373	Rabbit	Human	Immunohistochemistry, Western Blot

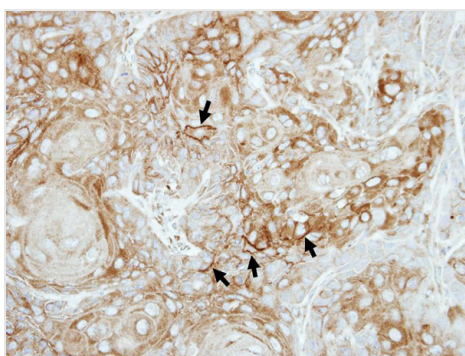
PRODUCT SYNONYMS

ATPase beta3; Polyclonal Antibody; ATPase beta3(Na⁺/K⁺) antibody; anti-ATPase beta3 antibody

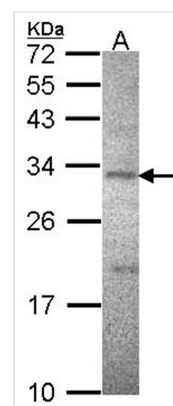
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	279
Applicable Applications for anti-ATPase beta3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 53 and 254 of ATPase beta3(Na ⁺ /K ⁺)
Target Name	ATPase beta3(Na ⁺ /K ⁺)
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, using ATPase beta3 (Na⁺/K⁺) antibody at 1: 100 dilution.


Application Data

Sample (30 ug of whole cell lysate) A: HeLa 12% SDS PAGE ATPase beta3(Na⁺/K⁺) antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-ATPase beta3 antibody	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 3 subunit. This gene encodes a beta 3 subunit. A pseudogene exists for this gene, and it is located on chromosome 2. [provided by RefSeq]
Product Categories/Family for anti-ATPase beta3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15080119
NCBI GeneID	483
Molecular Weight	21,713 Da
NCBI Official Full Name	ATPase, Na+/K+ transporting, beta 3 polypeptide
NCBI Official Synonym Full Names	ATPase, Na+/K+ transporting, beta 3 polypeptide
NCBI Official Symbol	ATP1B3
NCBI Official Synonym Symbols	CD298; ATPB-3
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-3
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta-3
UniProt Gene Name	ATP1B3
UniProt Synonym Gene Names	ATPB-3
UniProt Entry Name	AT1B3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.