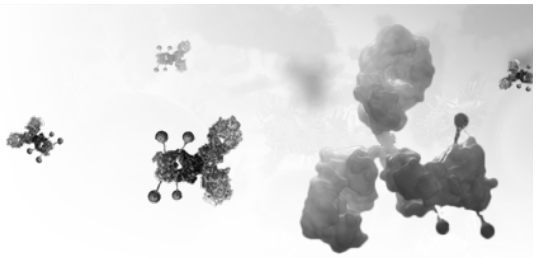

Human ATP6AP2 blocking peptide (CDBP0533)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ATP6IP2/Renin receptor antibody
Antigen Description	This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Proton-translocating ATPases have fundamental roles in energy conservation, secondary active transport, acidification of intracellular compartments, and cellular pH homeostasis. There are three classes of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-conducting sector and an extramembrane catalytic sector. The encoded protein has been found associated with the transmembrane sector of the V-type ATPases.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ATP6AP2 ATPase, H+ transporting, lysosomal accessory protein 2 [Homo sapiens]
Official Symbol	ATP6AP2
Synonyms	ATP6AP2; ATPase, H+ transporting, lysosomal accessory protein 2; ATP6IP2, ATPase, H+ transporting, lysosomal interacting protein 2; renin receptor; APT6M8 9; ATP6M8 9; M8 9;

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	N14F; V-ATPase M8.9 subunit; renin/prorenin receptor; ER-localized type I transmembrane adaptor; embryonic liver differentiation factor 10; ATPase H(+)-transporting lysosomal-interacting protein 2; ATPase, H+ transporting, lysosomal interacting protein 2; vacuolar ATP synthase membrane sector-associated protein M8-9; vacuolar proton ATP synthase membrane sector associated protein M8-9; ATPase, H+ transporting, lysosomal (vacuolar proton pump) membrane sector associated protein M8-9; M8-9; MRXE; XMRE; HT028; ELDF10; ATP6IP2; MSTP009; APT6M8-9; ATP6M8-9; MGC99577;
Entrez Gene ID	10159
mRNA Refseq	NM_005765
Protein Refseq	NP_005756
UniProt ID	O75787
Chromosome Location	Xp11.4
Pathway	ACE Inhibitor Pathway, organism-specific biosystem; Oxidative phosphorylation, organism-specific biosystem; Wnt signaling network, organism-specific biosystem;
Function	protein binding; receptor activity;

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