

Mouse ENaC alpha Monoclonal Antibody | anti-Scnn1a antibody

ENaC alpha Monoclonal Antibody

CATALOG # AAA47854	HOST Mouse
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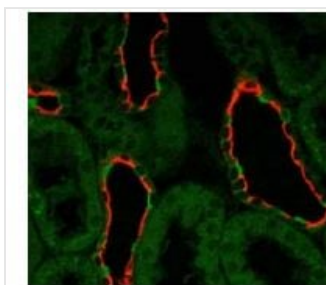
PRODUCT SYNONYMS

ENaC alpha; Monoclonal Antibody; ENaC alpha Monoclonal Antibody; anti-Scnn1a antibody

PRODUCT SPECIFICATIONS

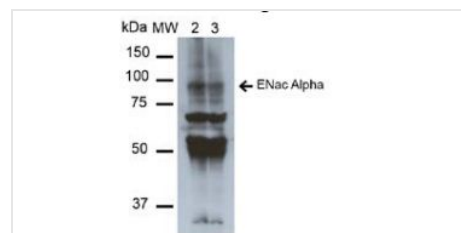
Host	Mouse
Clonality	Monoclonal
Specificity	Mouse and rat ENaC alpha
Form/Format	Protein G-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	699
Immunogen	Synthetic peptide corresponding to N-terminal aa 46-68 of rat ENaC alpha
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

IMAGES



Application Data

Detection of ENaC alpha (green) in paraffin-embedded, formalin-fixed rat kidney at 10ug/ml.



Application Data

Detection of ~85kDa ENaC alpha at 1ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Scnn1a antibody

The epithelial sodium channel (ENaC) is a membrane-bound ion-channel that is selectively permeable to Na⁺ ions and that is assembled as a heterotrimer composed of three homologous subunits alpha, beta, and gamma. It is involved primarily in the reabsorption of sodium ions in the collecting ducts of the kidney's nephrons. These channels mediate the first step of active sodium reabsorption essential for the maintenance of body salt and water homeostasis. In vertebrates, the channels control reabsorption of sodium in kidney, colon, lung and sweat glands; they also play a role in taste perception.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928742
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NCBI GeneID	25122
NCBI Accession #	NP_113736
NCBI GenBank Nucleotide #	NM_031548.2
UniProt Accession #	Q6IRJ1 ; P37089
Molecular Weight	79,019 Da
NCBI Official Full Name	amiloride-sensitive sodium channel subunit alpha
NCBI Official Synonym Full Names	sodium channel epithelial 1 alpha subunit
NCBI Official Symbol	Scnn1a
NCBI Official Synonym Symbols	ENaCA
NCBI Protein Information	amiloride-sensitive sodium channel subunit alpha
UniProt Protein Name	Amiloride sensitive sodium channel alpha1 subunit
UniProt Gene Name	Scnn1a

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/enac-alpha-antibody-elisa/47854>