

AB-NN316-1

ENaC Alpha Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat ENaC Alpha



KINEXUS

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Target Protein

Name Long:	Amiloride sensitive sodium channel alpha1 subunit (ENaC Alpha)
Alias:	SCNN1A, Epithelial Sodium Channel- α , Epithelial Sodium Channel alpha, Alpha ENaC 2, Alpha ENaC, Alpha NaCH, Alpha-ENaC, Amiloride sensitive epithelial sodium channel alpha subunit, Amiloride sensitive sodium channel subunit alpha, Amiloride-sensitive sodium channel subunit alpha, ENaCa, ENaCalpha, Epithelial Na(+) channel subunit alpha, Epithelial Na ⁺ channel subunit alpha
UniProt ID:	Q6IRJ1 - Rat
Human Predicted Mass (KDa):	81.856 (728 AA; P37088-2); 78.234 (692 AA; P37088-6); 77.980 (691 AA; P37088-5); 75.704 (669 AA; P37088-1); 73.603 (650 AA; P37088-4); 28.328 (245 AA; P37088-3)
Observed SDS-PAGE Mass (KDa):	85

Immunogen

Antibody Immunogen Source:	Produced against a synthetic peptide mapping to the N-terminal of the alpha subunit (amino acids 46-68) of rat Alpha ENaC (antibody designation 3560-2)
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	81 Mix
Antibody Purification:	Affinity purified
Amount:	25 μ g
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:400); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Rat Mouse
Antibody Positive Control:	1 μ g/ml of SPC-403 was sufficient for detection of alpha-ENaC in 35 μ g of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~85 kDa protein.
Antibody Specificity:	Medium

This product is for in vitro research use only and is not intended for use in humans or animals.

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