

# AB-NN317-1

## ENaC Beta Antibody

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



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Amiloride-sensitive sodium channel subunit beta (ENaC Beta)
<b>Alias:</b>	SCNN1B, Amiloride sensitive sodium channel subunit beta, Amiloride-sensitive sodium channel beta-subunit, Beta ENaC, Beta NaCH, ENaC beta, ENaCB, Epithelial Na(+) channel subunit beta, Epithelial Na+ channel beta subunit, Epithelial Na+ channel subunit beta, Epithelial sodium channel beta 2 subunit, Epithelial sodium channel beta 3 subunit, Nonvoltage gated sodium channel 1 beta subunit, Nonvoltage gated sodium channel 1 subunit beta
<b>UniProt ID:</b>	P37090 - Rat
<b>Human Predicted Mass (KDa):</b>	72.659 (640 AA; B2R812-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	87

### Immunogen

<b>Antibody Immunogen Source:</b>	Produced against the C-terminal tail (amino acids 617-638) of rat beta ENaC (antibody designation 3755-2)
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	82 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ICC/IF   IP
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-404 was sufficient for detection of beta-ENaC in 20 µg of rat kidney tissue lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~87 kDa protein.

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

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