

# AB-NN326-1

## NHE3 Antibody

Pan-specific polyclonal antibody for monitoring the expression of rat NHE3



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Sodium/hydrogen exchanger 3 (NHE3)
<b>Alias:</b>	SLC9A3, Na <sup>+</sup> /H <sup>+</sup> exchanger 3, isoform 3, Solute carrier family 9 member 3, NHE3MGC126720, MGC126718, solute carrier family 9 (sodium/hydrogen exchanger) member 3, NHE-3, Na <sup>(+)</sup> /H <sup>(+)</sup> exchanger 3, Sodium/hydrogen exchanger 3
<b>UniProt ID:</b>	P26433 - Rat
<b>Human Predicted Mass (kDa):</b>	92,855 (834 AA; P48764-1); 91,904 (825 AA; P48764-2)
<b>Observed SDS-PAGE Mass (kDa):</b>	84

### Immunogen

<b>Antibody Immunogen Source:</b>	Synthetic peptide mapping to AA 809 to 831 of rat sequence
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	160 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   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Rat   Mouse
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-400 was sufficient for detection of HNE3 in 10 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 ~84 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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