

## NHE8 Antibody

Catalog No: #47857

Package Size: #47857-1 50ul #47857-2 100ul

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## Description

Product Name	NHE8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IHC, IF/ICC
Species Reactivity	Hu
Specificity	Recognizes endogenous levels of NHE8 protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NHE8.
Target Name	SLC9A8
Other Names	KIAA0939; NHE8; Sodium/hydrogen exchanger 8; Na(+)/H(+) exchanger 8; NHE-8; Solute carrier family 9 member 8
Accession No.	Swiss-Prot#:Q9Y2E8NCBI Gene ID:23315
Calculated MW	65KD
Concentration	1 mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

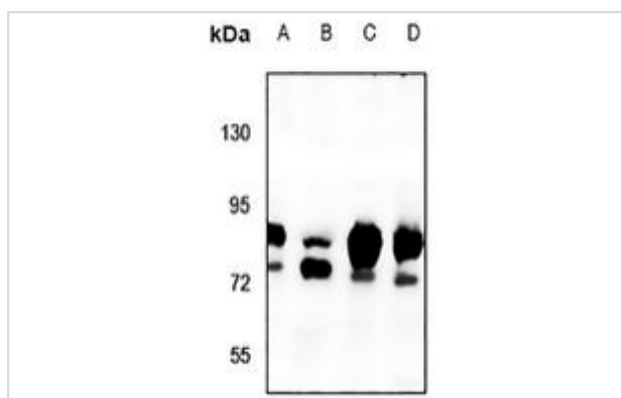
## Application Details

Western blotting:1:500 - 1:1000

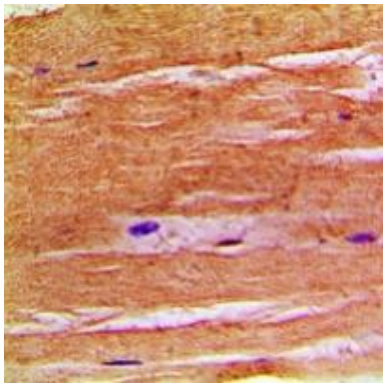
Immunohistochemistry:1:50 - 1:100

Immunofluorescence:1:100 - 1:300

## Images



Western blot analysis of NHE8 expression in HepG2 (A), U87MG (B), HEK293T (C), LO2 (D) whole cell lysates.



Immunohistochemical analysis of NHE8 staining in human skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of NHE8 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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