

SLC9A8 polyclonal antibody

Catalog: BS61730

Host: Rabbit

Reactivity: Human

BackGround:

Na⁺/H⁺ exchangers 1-8, also designated Na⁺/H⁺ anti-porters or NHE-1-8, are integral membrane proteins expressed in most mammalian tissues where they regulate intracellular pH and cell volume. NHEs mediate the transport of hydrogen (H⁺) ions out of cells in exchange for extracellular sodium (Na⁺) ions. While NHE-1 is ubiquitously expressed, NHE isoforms 2-8 have distinct tissue and cell type dependent expression and inhibitory characteristics. NHE-8 is a 575 amino acid protein that localizes apically in intestinal epithelial cells. Expression of NHE-8 is higher in young mammals than adults. NHE-8 gene and protein expression are highly regulated during ontogeny; this protein may play an important role in intestinal Na⁺ absorption during early mammalian life.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 65 kDa

Swiss-Prot:

Q9Y2E8

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

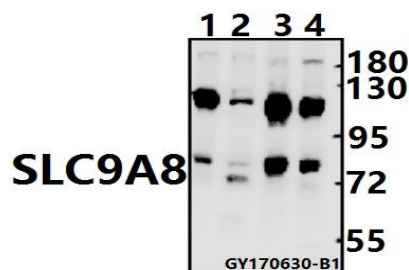
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

SLC9A8 polyclonal antibody detects endogenous levels of SLC9A8 protein.

DATA:



Western blot (WB) analysis of SLC9A8 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:L02 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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