

ACCN5 (h): 293 Lysate: sc-127919

BACKGROUND

ACCN5 (amiloride-sensitive cation channel 5), also known as INAC (intestine Na^+ channel) or HINAC (human intestine Na^+ channel), is a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. DEG/ENaC superfamily members are amiloride-sensitive sodium channels that contain intracellular N- and C-termini, two hydrophobic transmembrane regions and a cysteine-containing extracellular loop. Localizing to the cell membrane, ACCN5 is a multi-pass membrane protein that is expressed in small intestine, jejunum and duodenum. ACCN5 is also expressed at low levels in rectum and testis. Existing as a homo- or heterotetramer, ACCN5 functions as a Na^+ -selective cation channel that, characteristic of its family, can be inhibited by amiloride.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ACCN5 (human) mapping to 4q32.1.

PRODUCT

ACCN5 (h): 293 Lysate represents a lysate of human ACCN5 transfected 293 cells and is provided as 100 μg protein in 200 μl SDS-PAGE buffer.

STORAGE

Store at -20°C . Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

APPLICATIONS

ACCN5 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive ACCN5 antibodies. Recommended use: 10-20 μl per lane.

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

RESEARCH USE

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

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.