

For Research Use Only

SLC9A3R2 Polyclonal antibody

Catalog Number:18891-1-AP



Basic Information

Catalog Number:

18891-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13476

GenBank Accession Number:

BC106001

GeneID (NCBI):

9351

UNIPROT ID:

Q15599

Full Name:

solute carrier family 9
(sodium/hydrogen exchanger),
member 3 regulator 2

Calculated MW:

337 aa, 37 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, MCF-7 cells, T-47D cells

IHC : human stomach cancer tissue,

Background Information

SLC9A3R2, also named as NHERF2, is a member of the Na⁺/H⁺ exchanger regulatory factor (NHERF) family of PDZ scaffolding proteins. SLC9A3R2 is needed for cGMP and carbachol-mediated inhibition as well as LPA and dexamethasone-mediated stimulation of NHE3. NHERF1 and NHERF2 are highly homologous structurally to each other but play different roles in the regulation of Na⁺ and Cl⁻ transport.(PMID: 23612977)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

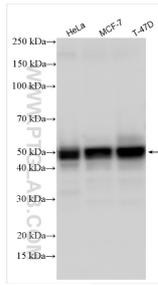
T: 4006900926

E: Proteintech-CN@ptglab.com

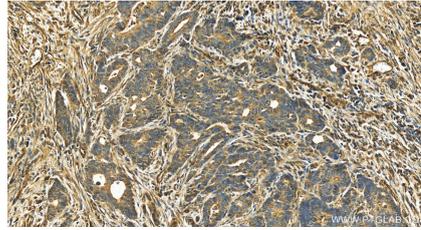
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18891-1-AP (SLC9A3R2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 18891-1-AP (SLC9A3R2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).