

Datasheet for ABIN7042919

anti-ACCN5 antibody (Extracellular Loop)[Go to Product page](#)**2** Images

Overview

| | |
|----------------------|--|
| Quantity: | 50 µL |
| Target: | ACCN5 |
| Binding Specificity: | AA 284-297, Extracellular Loop |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ACCN5 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|------------------|---|
| Immunogen: | Immunogen: Synthetic peptide Immunogen Sequence: (C)RQLKTVHQEYPWGE, corresponding to amino acid residues 284-297 of mouse ASIC5 |
| Isotype: | IgG |
| Characteristics: | Anti-ASIC5 (extracellular) Antibody (ABIN7042919, ABIN7045260 and ABIN7045261)) is a highly specific antibody directed against an epitope of the mouse protein. It can be used in western blot and immunohistochemistry applications. It has been designed to recognize ASIC5 from human, mouse, and rat samples. |
| Purification: | Affinity purified on immobilized antigen. |

Target Details

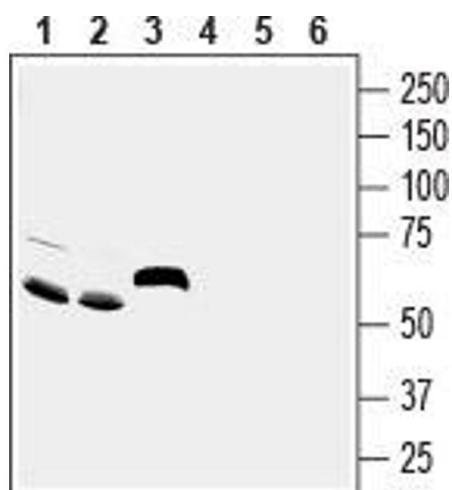
| | |
|-------------------|---|
| Target: | ACCN5 |
| Alternative Name: | ASIC5 (ACCN5 Products) |
| Background: | Alternative names: ASIC5, Acid-sensing ion channel 5, Amiloride-sensitive cation channel 5, Brain-liver-intestine amiloride-sensitive Na ⁺ channel, BLINaC, HINAC, ACCN5 |
| Gene ID: | 58170 |
| NCBI Accession: | NM_017419 |
| UniProt: | Q9R0Y1 |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

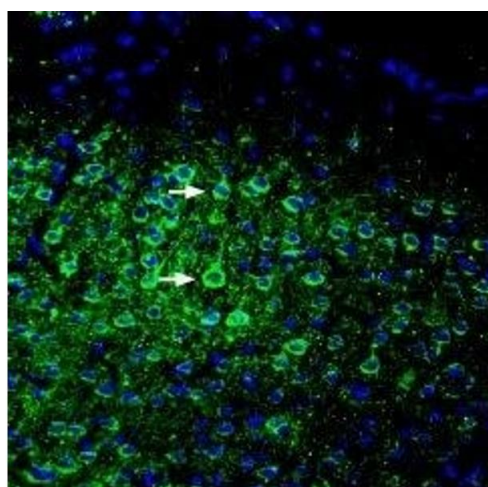
Handling

| | |
|--------------------|--|
| Format: | Lyophilized |
| Reconstitution: | 25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size. |
| Concentration: | 0.8 mg/mL |
| Buffer: | Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | RT, 4 °C, -20 °C |
| Storage Comment: | <p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p> |



Western Blotting

Image 1. Western blot analysis of rat brain (lanes 1 and 4), mouse brain (lanes 2 and 5) and rat small intestine (lanes 3 and 6) lysates: - 1-3. Anti-ASIC5 (extracellular) Antibody (ABIN7042919, ABIN7045260 and ABIN7045261), (1:200). 4-6. Anti-ASIC5 (extracellular) Antibody, preincubated with ASIC5 (extracellular) Blocking Peptide (#BLP-SC032).



Immunohistochemistry

Image 2. Expression of ASIC5 in mouse cortex - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti-ASIC5 (extracellular) Antibody (ABIN7042919, ABIN7045260 and ABIN7045261), (1:200), followed by goat-anti-rabbit-AlexaFluor-488. ASIC5 immunoreactivity (green) is detected in cells of the pyramidal layer (arrows). Cell nuclei are stained with DAPI (blue).