Anti-ASIC1 antibody (100-150) (STJ13100008)

STJ13100008

GENERAL INFORMATION

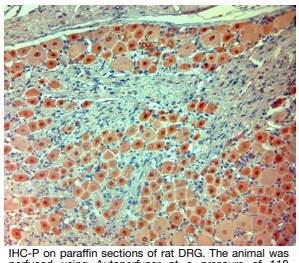
Product Type Primary antibodies
Short Description Nz White Rabbit polyclonal antibody anti-ASIC1 (100-150) is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications IHC, WB
Host/Source NZ White Rabbit
Reactivity Rat, Mouse, Human

PRODUCT PROPERTIES

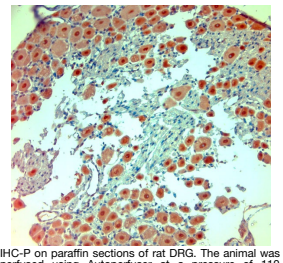
Clonality Polyclonal
Clone ID
Concentration
Conjugation Unconjugated
Purification Whole serum
Dilution Range A dilution of 1:300 to 1:2000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Formulation Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype IgG
Storage Instruction Maintain the lyophilised/reconstituted antibodies frozen at-20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

Gene ID 41
Gene Symbol ASIC1
Uniprot ID ASIC1_HUMAN
Immunogen A synthetic peptide from aa region 100-150 of the extracellular domain of rat ASIC1 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in mouse and human.
Immunogen Region 100-150
Specificity Specific for ASIC1.
Immunogen Sequence



IHC-P on paraffin sections of rat DRG. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFDM in TBST filtered thru 0. 2 um. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions. Primary antibody dilution 1: 1000, incubated 30 min at RT (using Autostainer) . Sections were counterstained with Harris Hematoxylin.



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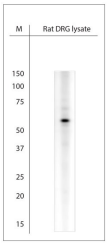

WB on rat DRG lysate. Blocking with 1% LFDM for 30 min at RT; Primary antibody used at 1: 1000 dilution incubated overnight at 4C.

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