

AB-NN203-1

ASIC1 Antibody

Pan-specific monoclonal antibody (S271-44) for monitoring the expression of mouse ASIC1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Acid-sensing ion channel 1 (ASIC1)
Alias:	ACCN2, Acid-sensing (proton-gated) ion channel, Acid-sensing ion channel 1, Amiloride-sensitive cation channel 2 neuronal, BNAC2, Brain sodium channel 2
UniProt ID:	Q6NXX8 - Mouse
Human Predicted Mass (kDa):	64.783 (574 AA; P78348-1); 62.700 (562 AA; P78348-3); 59.909 (528 AA; P78348-2)
Observed SDS-PAGE Mass (kDa):	60

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 460-526 (Cytoplasmic C-terminus) of mouse ASIC1
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	60 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-427 was sufficient for detection of ASIC1 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~60 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987