

AB-NN293-1

NALCN Antibody

Pan-specific monoclonal antibody (S187-7) for monitoring the expression of rat NALCN



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:	Sodium leak channel non-selective protein
Alias:	VGCNL1, Canlon, Sodium leak channel non-selective protein, Voltage gated channel-like protein 1, A530023G15Rik, bA430M15.1, FLJ23913, FLJ44659, FLJ44764, Four repeat voltage gated ion channel, MGC74524, Putative 4 repeat voltage gated ion channel, Sodium leak channel non-selective protein
UniProt ID:	Q6Q760 - Rat
Human Predicted Mass (KDa):	200.331 (1738 AA; A0A024RE05-1)
Observed SDS-PAGE Mass (KDa):	200

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1659-1738 (cytoplasmic C-terminus) of rat NALCN
-----------------------------------	--

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	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 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-417 was sufficient for detection of NALCN in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~200 kDa protein.
Antibody Specificity:	Very High

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