

AB-NN296-1

Neuroigin 4 Antibody

Pan-specific monoclonal antibody (S98-7) for monitoring the expression of mouse Neuroigin 4



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:	Neuroigin 4-like
Alias:	ASPGX2, AUTSX2, HLNK, HNLX, KIAA1260, MGC22376, NLGN, NLGN4, NLGN4X, neuroigin-4 X-linked, neuroigin X, neuroigin 4, X-linked
UniProt ID:	B0F2B4 - Mouse
Human Predicted Mass (KDa):	91.895 (817 AA; A0A0A0MTH0-1)
Observed SDS-PAGE Mass (KDa):	25-130

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 782-945 (intracellular C-terminus) of mouse Neuroigin 4. ~45% identity with Neuroigin-1, -2 and -3.
-----------------------------------	--

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, 0.1% 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
Antibody Positive Control:	1 µg/ml of SMC-469 was sufficient for detection of Neuroigin 4 in 20 µg of mouse 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 ~25-130 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