

AB-NN299-1 NPAS4 Antibody

Pan-specific monoclonal antibody (S408-79) for monitoring the expression of rat NPAS4



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:	Neuronal PAS domain-containing protein 4 (NPAS4)
Alias:	Neuronal PAS domain-containing protein 4, Neuronal PAS4, Class E basic helix-loop-helix protein 79, HLH-PAS transcription factor NXF, PAS domain-containing protein 10, Limbic-enhanced PAS protein, bHLHe79, PASD10 and LE-PAS
UniProt ID:	Q8CJH6 - Rat
Human Predicted Mass (KDa):	87.117 (802 AA; Q8IUM7-1); 25.492 (234 AA; Q8IUM7-2)
Observed SDS-PAGE Mass (KDa):	90

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 597-802 (C-terminus) of rat Npas4.
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	25 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 Rat
Antibody Positive Control:	A 1:100 dilution of SMC-495 was sufficient for detection of NPAS4 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~90 kDa protein.

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

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