

Product Datasheet

Anti-Npas4 Antibody FL650 Conjugate



Overview

Catalog #	75-396-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	N408/79
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 597-802 (C-terminus) of rat Npas4 (accession number Q8CJH6) produced recombinantly in E. Coli
Molecular Weight	90 kDa
Cite this Antibody	Antibodies Inc Cat# 75-396-FL650, RRID: AB_2940307

Details

Target Description	Neuronal PAS Domain Protein 4 is encoded by the gene NPAS4. NPAS4 is a transcription factor that is involved in a wide range of physiologic and developmental events. NPAS4 is specifically expressed in neurons. No diseases were found to be associated with NPAS4
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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