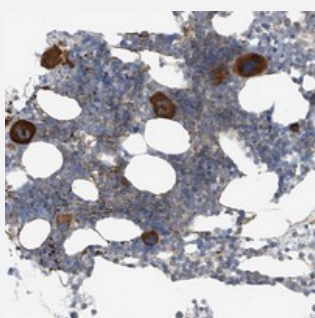


NALCN polyclonal antibody

Catalog # PAB22787 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with NALCN polyclonal antibody (Cat # PAB22787) shows strong cytoplasmic positivity in megakaryocytes at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NALCN.
Immunogen	Recombinant protein corresponding to amino acids of human NALCN.
Sequence	TYHCVVNDTKPGNVTWNSLAIPDTHCSPELEEGYQCPPGFKCMDLEDLGLSRQELGYSGFNE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bone marrow with NALCN polyclonal antibody (Cat # PAB22787) shows strong cytoplasmic positivity in megakaryocytes at 1:20-1:50 dilution.

Gene Info — NALCN

Entrez GeneID [259232](#)

Protein Accession# [Q8IZF0](#)

Gene Name NALCN

Gene Alias Canlon, FLJ23913, FLJ44659, FLJ44764, MGC74524, VGCNL1, bA430M15.1

Gene Description sodium leak channel, non-selective

Omim ID [611549](#)

Gene Ontology [Hyperlink](#)

Gene Summary NALCN forms a voltage-independent, nonselective, noninactivating cation channel permeable to Na⁺, K⁺, and Ca²⁺. It is responsible for the neuronal background sodium leak conductance (Lu et al., 2007 [PubMed 17448995]).[supplied by OMIM]

Other Designations OTTHUMP00000018654|OTTHUMP00000018655|OTTHUMP00000018656|OTTHUMP00000040730|four repeat voltage-gated ion channel|voltage gated channel like 1

Disease

- [Bipolar Disorder](#)
- [Tobacco Use Disorder](#)