



NAC3 rabbit pAb

Cat No.:ES10281

For research use only

Overview

Product Name	NAC3 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 530-610
Specificity	NAC3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Sodium/calcium exchanger 3 (Na ⁺)/Ca ²⁺ -exchange protein 3)
Gene Name	SLC8A3 NCX3
Cellular localization	Cell membrane ; Multi-pass membrane protein . Perikaryon . Cell projection, dendrite . Cell projection, dendritic spine . Cell membrane, sarcolemma . Cytoplasm, sarcoplasm . Cell junction . Mitochondrion outer membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Detected at neuromuscular junctions. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	101kD
Human Gene ID	6547
Human Swiss-Prot Number	P57103
Alternative Names	





Background

This gene encodes a member of the sodium/calcium exchanger integral membrane protein family. Na⁺/Ca²⁺ exchange proteins are involved in maintaining Ca²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na⁺ for Ca²⁺ occurs in an electrogenic manner. Alternative splicing has been observed for this gene and multiple variants have been described. [provided by RefSeq, Aug 2013],

