ELK Biotechnology

ASIC1 rabbit pAb

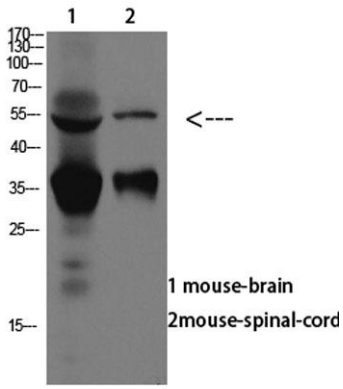
Cat No.:ES8643

For research use only

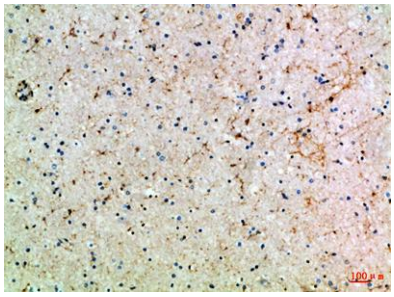
Overview

Product Name	ASIC1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;IHC-f;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 220-280
Specificity	The antibody detects endogenous ASIC1
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	Acid-sensing ion channel 1 (ASIC1) (Amiloride-sensitive cation channel 2, neuronal) (Brain sodium channel 2) (BNaC2)
Gene Name	ASIC1 ACCN2 BNAC2
Cellular localization	Cell membrane ; Multi-pass membrane protein . Localizes in synaptosomes at dendritic synapses of neurons. Colocalizes with DLG4 (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	41
Human Swiss-Prot Number	P78348
Alternative Names	Acid-sensing ion channel 1 (ASIC1;Amiloride-sensitive cation channel 2, neuronal;Brain sodium channel 2;BNaC2)
Background	This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel

(DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012],



Western blot analysis of mouse-brain, mouse-spinal-cord lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C