ASIC4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ASIC4, Polyclonal Antibody
Full Product Name	ASIC4 Polyclonal Antibody
Product Gene Name	anti-ASIC4 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	606715
3D Structure	ModBase 3D Structure for Q96FT7
Immunogen	Recombinant protein of human ASIC4.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ASIC4 antibody	Immunohistochemistry (IHC)
Application Notes for anti-ASIC4 antibody	IHC: 1:50-1:200
Related Product Information for anti-ASIC4 antibody	This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC.
Other Notes	Small volumes of anti-ASIC4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ASIC4 purchase	MBS8571806 is an antibody targeting ASIC4. Also known as ASIC4 Polyclonal Antibody. Reactive in Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASIC4. It may not necessarily be applicable to this product.

NCBI GI #	256773228
NCBI GeneID	55515
NCBI Accession #	NP_061144
UniProt Primary Accession #	Q96FT7
UniProt Related Accession #	Q96FT7

GenBank Nucleotide #	NP_061144.3
NCBI Official Full Name	acid-sensing ion channel 4 isoform 1
NCBI Official Synonym Full Names	acid sensing ion channel subunit family member 4
NCBI Official Symbol	ASIC4
NCBI Official Synonym Symbols	ACCN4; BNAC4
UniProt Protein Name	Acid-sensing ion channel 4
UniProt Synonym Protein Names	Amiloride-sensitive cation channel 4; Amiloride-sensitive cation channel 4, pituitary
Protein Family	Acid-sensing ion channel
UniProt Gene Name	ASIC4
UniProt Synonym Gene Names	ACCN4; ASIC4
UniProt Entry Name	ASIC4_HUMAN
NCBI Protein Information	acid-sensing ion channel 4
Research Articles on ASIC4	**1.** Acid-sensing ion channel (ASIC) 4 predominantly localizes to an early endosome-related organelle upon heterologous expression
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