

Anti-ASIC3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Pig,Horse)
Molecular Weight:	Theoretical: 59 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ASIC3
Antigen Species:	Human
Gene ID:	9311
Uniprot ID:	Q9UHC3
Synonyms:	ASICs3;TNaC1;Modulatory subunit of ASIC2a;SLNAC 1;Neuronal amiloride sensitive cation channel 3;Acid sensing ion channel 3;ASIC3;Amiloride sensitive cation channel 3 testis;SLNAC1;Modulatory subunit of ASIC 2a;Proton gated cation channel subunit;hTNaC 1;Testis sodium channel 1;hASIC 3;hTNaC1;hASIC3;ASIC 3;ACCN3;Amiloride sensitive cation channel 3;TNaC 1;ACCN 3;DRASIC
Biology Area:	Sodium Channels,Nociception

Research Background

Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Generates a biphasic current with a fast inactivating and a slow sustained phase. In sensory neurons is proposed to mediate the pain induced by acidosis that occurs in ischemic, damaged or inflamed tissue. May be involved in hyperalgesia. May play a role in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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