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Datasheet for ABIN1386699 anti-ASIC3 antibody (AA 342-420)

Overview

Quantity:	100 µL
Target:	ASIC3 (ACCN3)
Binding Specificity:	AA 342-420
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASIC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASIC3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ASIC3 (ACCN3)
Alternative Name:	ASIC3a/ASIC3 (ACCN3 Products)

Target Details

Background:	<p>Synonyms: ASICs3, ACCN 3, ACCN3, ASIC3_HUMAN, Acid sensing ion channel 3, Acid-sensing ion channel 3, Amiloride sensitive cation channel 3, Amiloride sensitive cation channel 3 testis, Amiloride-sensitive cation channel 3, ASIC 3, ASIC3, DRASIC, hASIC 3, hASIC3, hTNaC 1, hTNaC1, Modulatory subunit of ASIC 2a, Modulatory subunit of ASIC2a, Neuronal amiloride sensitive cation channel 3, Neuronal amiloride-sensitive cation channel 3, Proton gated cation channel subunit, SLNAC 1, SLNAC1, Testis sodium channel 1, TNaC 1, TNaC1.</p> <p>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.</p>
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Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months