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Datasheet for ABIN350042 **anti-ACCN1 antibody (AA 470-503)**

Overview

Quantity:	500 µg
Target:	ACCN1
Binding Specificity:	AA 470-503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 470-503 of human ASIC2 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and mouse.
Isotype:	IgG
Specificity:	Specific for ASIC2.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	ACCN1
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Target Details

Alternative Name:	ASIC2 (ACCN1 Products)
Background:	FUNCTION: Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Also permeable for Li(+) and K(+). Generates a biphasic current with a fast inactivating and a slow sustained phase. Heteromeric channel assembly seems to modulate. SUBUNIT: Homotetramer or heterotetramer with other ASIC proteins. Interacts with STOM. Interacts with PRKCABP and ACCN3. SUBCELLULAR LOCATION: Cell membrane, Multi-pass membrane protein. Note: Localized at the plasma membrane of neurons, in the soma and punctated peripheral processes.,ACCN Channels,Amiloride-sensitive brain sodium channel, acid-sensing ion channel 2, ASIC2, brain sodium channel 1, BNaC1, BNC1, mammalian degenerin homolog, ACCN, BNAC1, MDEG
UniProt:	Q16515
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	IHC, WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months