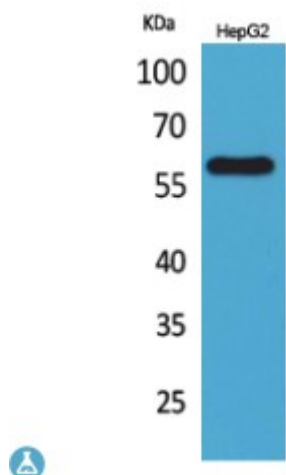


## Anti-ASIC3 antibody



<b>Description</b>	Rabbit polyclonal to ASIC3.
<b>Model</b>	STJ96565
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human ASIC3.
<b>Immunogen Region</b>	191-240 aa, Internal
<b>Gene ID</b>	<a href="#">9311</a>
<b>Gene Symbol</b>	<a href="#">ASIC3</a>
<b>Dilution range</b>	WB 1:500-1:2000ELISA 1:20000
<b>Specificity</b>	ASIC3 Polyclonal Antibody detects endogenous levels of ASIC3 protein.
<b>Tissue Specificity</b>	Expressed by sensory neurons. Strongly expressed in brain, spinal chord, lung, lymph nodes, kidney, pituitary, heart and testis.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Acid-sensing ion channel 3 ASIC3 hASIC3 Amiloride-sensitive cation channel 3 Neuronal amiloride-sensitive cation channel 3 Testis sodium channel 1 hTNaC1
<b>Molecular Weight</b>	58 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:1010MIM:611741</a>
<b>Alternative Names</b>	Acid-sensing ion channel 3 ASIC3 hASIC3 Amiloride-sensitive cation channel 3 Neuronal amiloride-sensitive cation channel 3 Testis sodium channel 1 hTNaC1
<b>Function</b>	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.
<b>Sequence and Domain Family</b>	The PDZ domain-binding motif is involved in interaction with LIN7A, GOPC and MAGI1.
<b>Cellular Localization</b>	Cell membrane Cytoplasm. Cell surface expression may be stabilized by interaction with LIN7B and cytoplasmic retention by interaction with DLG4. In part cytoplasmic in cochlea cells .
<b>Post-translational Modifications</b>	Phosphorylated by PKA. Phosphorylated by PKC. In vitro, PRKCABP/PICK-1 is necessary for PKC phosphorylation and activation of a ASIC3/ACCN3-ASIC2/ASIC2b channel, but does not activate a homomeric ASIC3 channel .