

bs-12132R**[Primary Antibody]**

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ASIC3 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Pig, Horse) Predicted MW.: 59 kDa Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 9311	SWISS: Q9UHC3	
Target: ASIC3		
Immunogen: KLH conjugated synthetic peptide derived from human ASIC3: 342-420/531.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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.		

— SELECTED CITATIONS —

- **[IF=4.81]** Yuan Liping. et al. APETx2 regulates intestinal motility and visceral sensitivity in post-infectious irritable bowel syndrome mice through 5-HT signalling pathway. J PHARM PHARMACOL. 2023 Mar;; WB ;Mouse. 36879420
- **[IF=5]** Liba Gei. et al. Amiloride alleviates morphine tolerance by suppressing ASIC3-dependent neuroinflammation in the spinal cord. EUR J PHARMACOL. 2023 Oct;;176173 IF ;Mouse. 37918499