

Product datasheet for **TA326467**

Asic1 Mouse Monoclonal Antibody [Clone ID: S271-44]

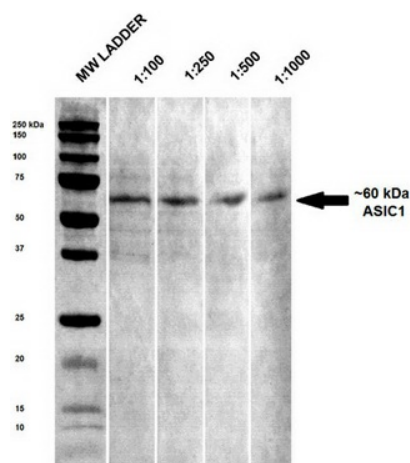
Product data:

Product Type:	Primary Antibodies
Clone Name:	S271-44
Applications:	WB
Reactivity:	Rat, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 460-526 (Cytoplasmic C-terminus) of mouse ASIC1
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	acid-sensing (proton-gated) ion channel 1
Database Link:	NP_033727 Entrez Gene 79123 Rat Entrez Gene 11419 Mouse Q6NXX8
Background:	Acid sensing ion channel ASIC1, also designated ACCN2, BNAC2 and ASIC1a, is present in brain as a 4.3-kb transcript with localization to rat dorsal root ganglia. In situ hybridization of rat brain suggests that ASIC1 is most abundant in the main olfactory bulb, cerebral cortex, hippocampal formation, habenula, basolateral amygdaloid nuclei and cerebellum. ASIC1 and H ⁺ -gated currents may contribute to the development of fear and anxiety.
Synonyms:	Accn2; AI843610; ASIC; ASIC1a; B530003N02Rik; BNaC2
Note:	Detects ~60kDa



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Product images:



WB of rat brain lysate showing detection of ~60 kDa ASIC1 protein using Anti-ASIC1. Lane 1: MW ladder. Lane 2: Anti-ASIC1 (1:100). Lane 3: Anti-ASIC1 (1:250). Lane 4: Anti-ASIC1 (1:500). Lane 5: Anti-ASIC1 (1:1000). Load: 20 ug RB lysate per lane. Block: 5% milk + TBST 1 hr at RT. Primary antibody: Mouse Anti-ASIC1 monoclonal antibody incubated for 60 min at RT. Secondary antibody: Goat Anti-Mouse HRP antibody at 1:50 for 60 min at RT. Colour Development: TMB solution for 30 min at RT.