Datasheet for ABIN6137189

anti-ACCN1 antibody (AA 120-400)

1 Image

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Overview

Quantity:	100 µL
Target:	ACCN1
Binding Specificity:	AA 120-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 120-400 of human ASIC2 (NP_001085.2).
Sequence:	NLQIPDPHLA DPSVLEALRQ KANFKHYKPK QFSMLEFLHR VGHDLKDMML YCKFKGQECG HQDFTTVFTK YGKCYMFNSG EDGKPLLTTV KGGTGNGLEI MLDIQQDEYL PIWGETEETT FEAGVKVQIH SQSEPPFIQE LGFGVAPGFQ TFVATQEQRL TYLPPPWGEC RSSEMGLDFF PVYSITACRI DCETRYIVEN CNCRMVHMPG DAPFCTPEQH KECAEPALGL LAEKDSNYCL CRTPCNLTRY NKELSMVKIP SKTSAKYLEK KFNKSEKYIS E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

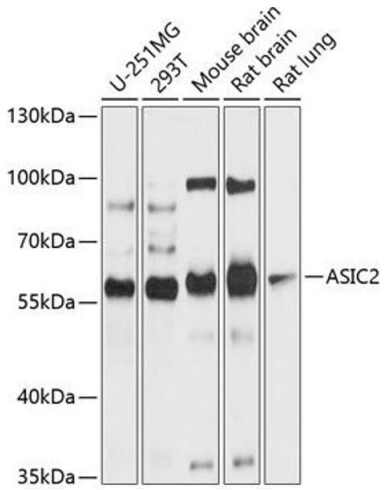
Target:	ACCN1
Alternative Name:	ASIC2 (ACCN1 Products)
Background:	This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene may play a role in neurotransmission. In addition, a heteromeric association between this member and acid-sensing (proton-gated) ion channel 3 has been observed to co-assemble into proton-gated channels sensitive to gadolinium. Alternative splicing has been observed at this locus and two variants, encoding distinct isoforms, have been identified.,ASIC2,ACCN,ACCN1,ASIC2a,BNC1,BNaC1,MDEG,hBNaC1,Cell Biology & Developmental Biology,Apoptosis,Neuroscience,ASIC2
Molecular Weight:	57 kDa/62 kDa
Gene ID:	40
UniProt:	Q16515
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN6129939, ABIN6137189, ABIN6137190 and ABIN6214773) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.