

For Research Use Only

ASIC1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85089-1-PBS



Basic Information

Catalog Number: 85089-1-PBS	GenBank Accession Number: NM_001095	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 41	CloneNo.: 242749B11
Source: Rabbit	UNIPROT ID: P78348	
Isotype: IgG	Full Name: amiloride-sensitive cation channel 2, neuronal	
Immunogen Catalog Number: AG25941	Calculated MW: 60 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

ASIC1 (Acid-sensing ion channel 1), also named as ACCN2, BNaC2 or amiloride-sensitive cation channel 2, is a member of the ASICs family. ASICs, an H⁺-gated subgroup of the epithelial Na⁺ channel/degnerin (ENaC/DEG) superfamily, are widely expressed throughout the central and peripheral nervous system and triggered by increased extracellular acidification (PMID: 28518134, 27941930). ASIC1 is a key player in acidosis-induced tumor growth and invasiveness. Clinically, alterations of ASIC1 are associated with poor survival in breast cancer (PMID: 26686084).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

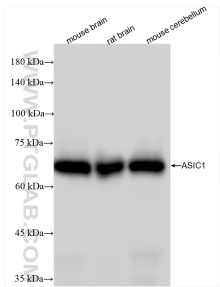
T: 4006900926

E: Proteintech-CN@ptglab.com

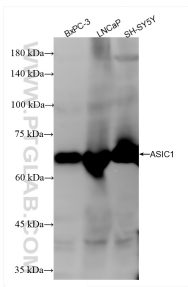
W: ptgcn.com

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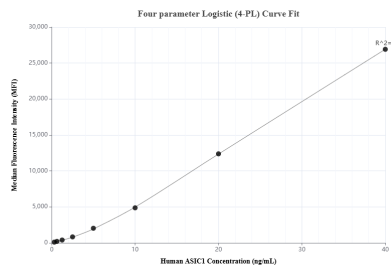
Selected Validation Data



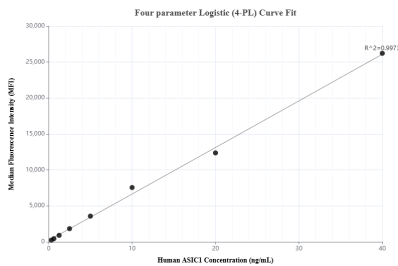
Various lysates were subjected to SDS PAGE followed by western blot with 85089-1-RR (ASIC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85089-1-PBS in a different storage buffer formulation.



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Cytometric bead array standard curve of MP01789-2, ASIC1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85089-1-PBS. Detection antibody: 85089-2-PBS. Standard: Ag25941. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP01789-1, ASIC1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85089-1-PBS. Detection antibody: 85089-3-PBS. Standard: Ag25941. Range: 0.313-40 ng/mL.