Datasheet for ABIN1881055

anti-Amphiphysin antibody (AA 140-168)

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Overview

Quantity:	400 µL
Target:	Amphiphysin (AMPH)
Binding Specificity:	AA 140-168
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amphiphysin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AMPH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-168 amino acids from the Central region of human AMPH.
Clone:	RB41814
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Amphiphysin (AMPH)
Alternative Name:	AMPH (AMPH Products)

Target Details

Background:	This gene encodes a protein associated with the cytoplasmic surface of synaptic vesicles. A subset of patients with stiff-man syndrome who were also affected by breast cancer are positive for autoantibodies against this protein. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences have not been determined. A pseudogene of this gene is found on chromosome 11.
Molecular Weight:	76257
NCBI Accession:	NP_001626, NP_647477
UniProt:	P49418

Application Details

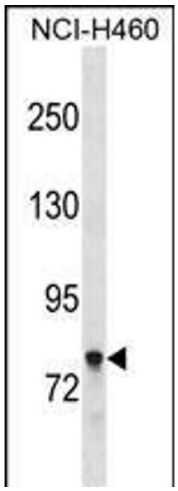
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Maeda, Inoguchi, Takei, Sawada, Sasaki, Fujii, Kobayashi, Urata, Nishiyama, Takayanagi: " Inhibition of chymase protects against diabetes-induced oxidative stress and renal dysfunction in hamsters." in: **American journal of physiology. Renal physiology**, Vol. 299, Issue 6, pp. F1328-38, (2010) (PubMed).



Western Blotting

Image 1. PH Antibody (Center) (ABIN1881055 and ABIN2838871) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the PH antibody detected the PH protein (arrow).