Datasheet for ABIN7444718

anti-Amphiphysin antibody (AA 24-241)

3 Images

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Overview

Quantity:	100 µL
Target:	Amphiphysin (AMPH)
Binding Specificity:	AA 24-241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Amphiphysin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Amphiphysin (AMPH)
Immunogen:	Recombinant Amphiphysin (AMPH) corresdonding to Val24~Lys241 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AMPH. It has been selected for its ability to recognize AMPH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Amphiphysin (AMPH)
Alternative Name:	Amphiphysin (AMPH Products)
Background:	AMPH1, Stiff-Man Syndrome With Breast Cancer 128 kDa Autoantigen

Application Details

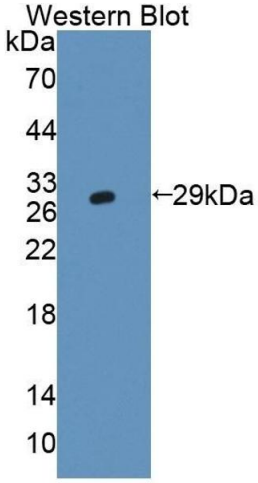
Application Notes:	Western blotting: 0.5-2 µg/mL 1:280-1100 Immunohistochemistry: 5-20 µg/mL 1:28-110 Immunocytochemistry: 5-20 µg/mL 1:28-110 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

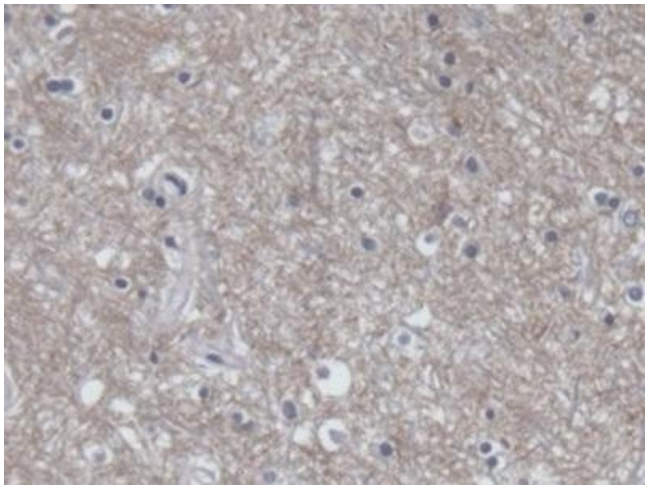
Western Blotting

Image 1. Detection of AMPH in Human Lung lysate using Polyclonal Antibody to Amphiphysin (AMPH)



Western Blotting

Image 2. Detection of Recombinant Amphiphysin, Human using Polyclonal Antibody to Amphiphysin (AMPH)



Immunohistochemistry

Image 3. Detection of AMPH in Human Cerebrum Tissue using Polyclonal Antibody to Amphiphysin (AMPH)