Datasheet for ABIN1944855

anti-ANP32E antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	ANP32E
Binding Specificity:	AA 21-44, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANP32E antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This ANP32E antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-44 amino acids from the N-terminal region of human ANP32E.
Clone:	RB44588
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ANP32E
Alternative Name:	ANP32E (ANP32E Products)

Target Details

Background:	Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis process by modulating PP2A activity (By similarity).
Molecular Weight:	30692
Gene ID:	81611
UniProt:	Q9BTT0

Application Details

Application Notes:	IF: 1:25. 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

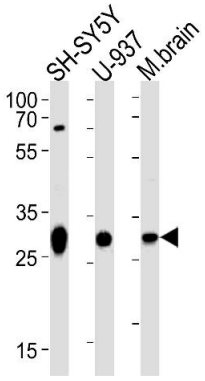
Publications

Product cited in:	Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in: **Nature**, Vol. 429, Issue 6990, pp. 369-74, (2004) (PubMed). Liu, Meakin: "ShcB and ShcC activation by the Trk family of receptor tyrosine kinases." in: **The Journal of biological chemistry**, Vol. 277, Issue 29, pp. 26046-56, (2002) (PubMed). Nakamura, Sanokawa, Sasaki, Ayusawa, Oishi, Mori: "N-Shc: a neural-specific adapter molecule that mediates signaling from neurotrophin/Trk to Ras/MAPK pathway." in: **Oncogene**, Vol. 13,

Issue 6, pp. 1111-21, (1996) (PubMed).

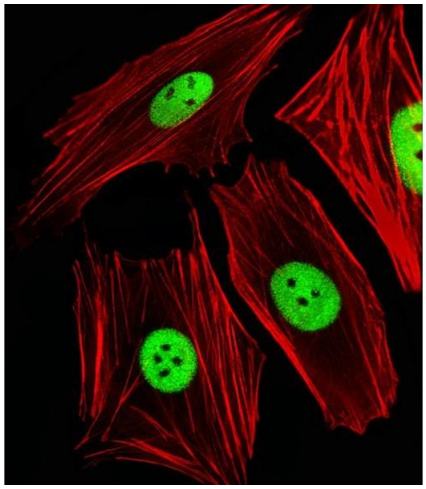
Pelicci, Dente, De Giuseppe, Verducci-Galletti, Giuli, Mele, Vetriani, Giorgio, Pandolfi, Cesareni, Pelicci: "A family of Shc related proteins with conserved PTB, CH1 and SH2 regions." in: **Oncogene**, Vol. 13, Issue 3, pp. 633-41, (1996) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of lysates from SH-SY5Y, U-937 cell line and mouse brain tissue lysate (from left to right), using ANP32E Antibody (N-term) (ABIN1944855 and ABIN2838510). (ABIN1944855 and ABIN2838510) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.



Immunofluorescence

Image 2. Fluorescent image of SH-SY5Y cells stained with ANP32E Antibody (N-term) (ABIN1944855 and ABIN2838510). (ABIN1944855 and ABIN2838510) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).