



Datasheet for ABIN965496 anti-ABI1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	ABI1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABI1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human ABI1 (Abl-interactor 1)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	ABI1
Alternative Name:	ABI1 (ABI1 Products)
Background:	The ABI1 (Abl-interactor 1) may act in negative regulation of cell growth and transformation by interacting with nonreceptor tyrosine kinases ABL1 and/ or ABL2. The ABI1 may play a role in regulation of EGF-induced Erk pathway activation. It is involved in cytoskeletal reorganization and EGFR signaling. Together with EPS8 It participates in transduction of signals from Ras to

Target Details

Rac.

Pathways: [RTK Signaling](#), [Response to Water Deprivation](#), [ER-Nucleus Signaling](#)

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 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: -20 °C

Publications

Product cited in: Taylor, Devon, Millar, Porteous: "Evolutionary constraints on the Disrupted in Schizophrenia locus." in: **Genomics**, Vol. 81, Issue 1, pp. 67-77, (2003) ([PubMed](#)).

Morris, Kandpal, Ma, Austin: "DISC1 (Disrupted-In-Schizophrenia 1) is a centrosome-associated protein that interacts with MAP1A, MIPT3, ATF4/5 and NUDEL: regulation and loss of interaction with mutation." in: **Human molecular genetics**, Vol. 12, Issue 13, pp. 1591-608, (2003) ([PubMed](#)).

Ozeki, Tomoda, Kleiderlein, Kamiya, Bord, Fujii, Okawa, Yamada, Hatten, Snyder, Ross, Sawa: "Disrupted-in-Schizophrenia-1 (DISC-1): mutant truncation prevents binding to NudE-like (NUDEL) and inhibits neurite outgrowth." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 100, Issue 1, pp. 289-94, (2003) ([PubMed](#)).

Millar, Wilson-Annan, Anderson, Christie, Taylor, Semple, Devon, St Clair, Muir, Blackwood, Porteous: "Disruption of two novel genes by a translocation co-segregating with schizophrenia." in: **Human molecular genetics**, Vol. 9, Issue 9, pp. 1415-23, (2000) ([PubMed](#)).

Seki, Ohira, Nagase, Ishikawa, Miyajima, Nakajima, Nomura, Ohara: "Characterization of cDNA clones in size-fractionated cDNA libraries from human brain." in: **DNA research : an international journal for rapid publication of reports on genes and genomes**, Vol. 4, Issue 5, pp. 345-9, (1998) ([PubMed](#)).