Datasheet for ABIN967927

anti-YES1 antibody (AA 10-193)

4 Images | 5 Publications

Go to Product page

Overview

Quantity:	150 µg
Target:	YES1
Binding Specificity:	AA 10-193
Reactivity:	Human, Mouse, Rat, Dog, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This YES1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Human Yes aa. 10-193
Clone:	1-Yes
Isotype:	IgG1
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Chicken, Dog (Canine)
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results. 2. Source of all serum proteins is from USDA inspected abattoirs located in the United States. 3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing. 4. Please refer to us for technical protocols.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity

Product Details

	chromatography.

Target Details

Target:	YES1
Alternative Name:	Yes (YES1 Products)
Background:	Yes is a member of the Src family of tyrosine kinases. The cellular gene was initially identified as a homologue of v-yes, the oncogene of avian sarcoma virus Y73. At least nine different Src family members have been identified. yes, fyn, and Src are widely expressed in a variety of cell types, while the remaining members are primarily expressed in hematopoietic cells. Members of this family have several common features: they have unique N-terminal domains, they attach to cellular membranes through a myristylated N-terminus and they have homologus SH2, SH3, and catalytic domains. The common expression patterns of Yes, fyn, and Src suggest some overlapping functions. All three of these kinases can physically associate with a number of cell-surface molecules which appear to increase their catalytic activity.
Molecular Weight:	62 kDa
Pathways:	CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, Thromboxane A2 Receptor Signaling

Application Details

Comment:	Related Products: ABIN968533, ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	250 µg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % 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:	-20 °C
Storage Comment:	Store undiluted at -20°C.

Publications

Product cited in:

Chen, Lu, Goodenough, Jeansonne: "Nonreceptor tyrosine kinase c-Yes interacts with occludin during tight junction formation in canine kidney epithelial cells." in: **Molecular biology of the cell** , Vol. 13, Issue 4, pp. 1227-37, (2002) (PubMed).

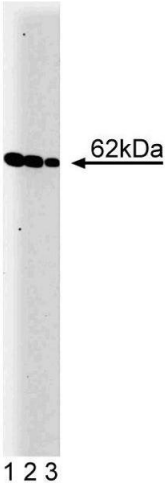
Lee, Bonnah, Higashi, Atkinson, Milgram, So: "CD46 is phosphorylated at tyrosine 354 upon infection of epithelial cells by Neisseria gonorrhoeae." in: **The Journal of cell biology**, Vol. 156, Issue 6, pp. 951-7, (2002) (PubMed).

Encinas, Tansey, Tsui-Pierchala, Comella, Milbrandt, Johnson: "c-Src is required for glial cell line-derived neurotrophic factor (GDNF) family ligand-mediated neuronal survival via a phosphatidylinositol-3 kinase (PI-3K)-dependent pathway." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 21, Issue 5, pp. 1464-72, (2001) (PubMed).

Park, Cartwright: "Src activity increases and Yes activity decreases during mitosis of human colon carcinoma cells." in: **Molecular and cellular biology**, Vol. 15, Issue 5, pp. 2374-82, (1995) (PubMed).

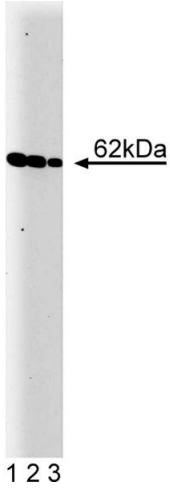
Sukegawa, Semba, Yamanashi, Nishizawa, Miyajima, Yamamoto, Toyoshima: "Characterization of cDNA clones for the human c-yes gene." in: **Molecular and cellular biology**, Vol. 7, Issue 1, pp. 41-7, (1987) (PubMed).

Images



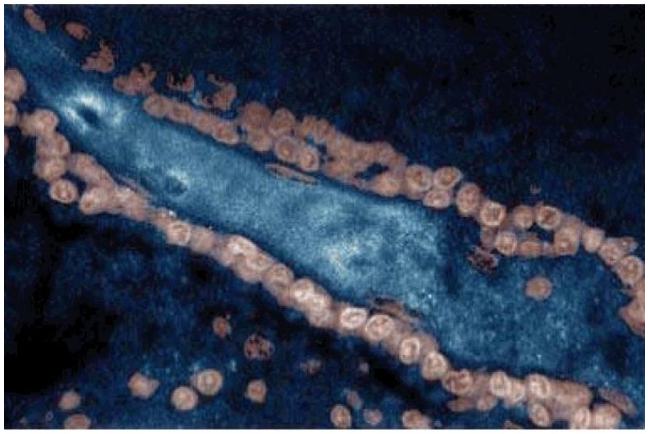
Western Blotting

Image 1. Western blot analysis of Yes on a A431 cell lysate (Human epithelial carcinoma, ATCC CRL-1555). Lane 1: 1:250, lane 2: 1:500, lane 3: 1:1000 dilution of the Mouse Anti-Yes antibody.



Western Blotting

Image 2.



Immunohistochemistry

Image 3. Immunohistochemical staining on a rabbit brain tissue section with the Mouse Anti-Yes antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN967927.