## .-online.com antibodies

# Datasheet for ABIN6243290 anti-YES1 antibody (N-Term)

Image



Overview

Quantity:	80 µL
Target:	YES1
Binding Specificity:	AA 112-147, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YES1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This YES1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 112-147 amino acids from the N-terminal region of human YES1.
Clone:	RB50776
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	YES1
Alternative Name:	YES1 (YES1 Products)
Background:	Non-receptor protein tyrosine kinase that is involved in the regulation of cell growth and

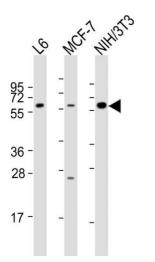
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6243290 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	survival, apoptosis, cell-cell adhesion, cytoskeleton remodeling, and differentiation. Stimulation
	by receptor tyrosine kinases (RTKs) including EGRF, PDGFR, CSF1R and FGFR leads to
	recruitment of YES1 to the phosphorylated receptor, and activation and phosphorylation of
	downstream substrates. Upon EGFR activation, promotes the phosphorylation of PARD3 to
	favor epithelial tight junction assembly. Participates in the phosphorylation of specific
	junctional components such as CTNND1 by stimulating the FYN and FER tyrosine kinases at
	cell-cell contacts. Upon T-cell stimulation by CXCL12, phosphorylates collapsin response
	mediator protein 2/DPYSL2 and induces T-cell migration. Participates in CD95L/FASLG
	signaling pathway and mediates AKT-mediated cell migration. Plays a role in cell cycle
	progression by phosphorylating the cyclin-dependent kinase 4/CDK4 thus regulating the G1
	phase. Also involved in G2/M progression and cytokinesis.
Molecular Weight:	60801
UniProt:	P07947
Pathways:	CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2,
	Thromboxane A2 Receptor Signaling

#### Application Details

Application Notes:	WB: 1:2000
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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6243290 | 09/10/2023 | Copyright antibodies-online. All rights reserved.



#### Western Blotting

**Image 1.** All lanes : Anti-YES1 Antibody (N-term) at 1:2000 dilution Lane 1: L6 whole cell lysates Lane 2: MCF-7 whole cell lysates Lane 3: NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 61 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6243290 | 09/10/2023 | Copyright antibodies-online. All rights reserved.