



[Go to Product page](#)

Datasheet for ABIN6243288  
**anti-YES1 antibody (AA 148-182)**

1 Image

### Overview

Quantity:	400 µL
Target:	YES1
Binding Specificity:	AA 148-182
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YES1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This Mouse Yes1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 148-182 amino acids from the Central region of Mouse Yes1.
Clone:	RB50491
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 ( <a href="#">YES1 Products</a> )
Background:	Non-receptor protein tyrosine kinase that is involved in the regulation of cell growth and

## Target Details

---

survival, apoptosis, cell-cell adhesion, cytoskeleton remodeling, and differentiation. Stimulation by receptor tyrosine kinases (RTKs) including EGFR, 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 (By similarity).

---

Molecular Weight: 60630

---

UniProt: [Q04736](#)

---

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

---

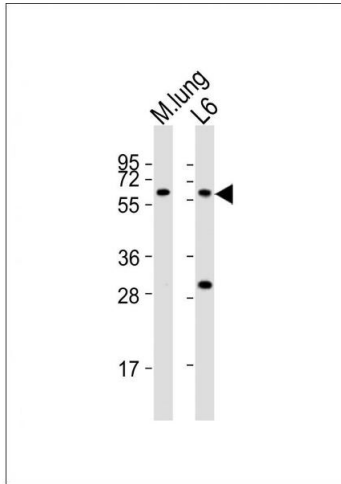
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: 4 °C,-20 °C

---

Expiry Date: 6 months



### Western Blotting

**Image 1.** All lanes : Anti-Yes1 Antibody (Center) at 1:2000 dilution Lane 1: mouse lung lysates Lane 2: L6 whole cell lysates Lysates/proteins at 20  $\mu$ g 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.