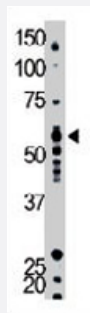


# YES1 polyclonal antibody

Catalog # PAB3445

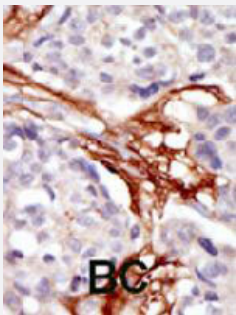
Size 400 uL

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of YES1 polyclonal antibody (Cat # PAB3445) in mouse kidney tissue lysate. YES1 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with YES1 polyclonal antibody (Cat # PAB3445), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of YES1.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human YES1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification

<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of YES1 polyclonal antibody (Cat # PAB3445) in mouse kidney tissue lysate. YES1 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with YES1 polyclonal antibody (Cat # PAB3445), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

## Gene Info — YES1

<b>Entrez GeneID</b>	<a href="#">7525</a>
<b>Protein Accession#</b>	<a href="#">P07947</a>
<b>Gene Name</b>	YES1
<b>Gene Alias</b>	HsT441, P61-YES, Yes, c-yes
<b>Gene Description</b>	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1
<b>Omim ID</b>	<a href="#">164880</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in close proximity to thymidylate synthase gene on chromosome 18, and a corresponding pseudogene has been found on chromosome 22. [provided by RefSeq]
<b>Other Designations</b>	OTTHUMP00000162194 Yamaguchi sarcoma oncogene cellular yes-1 protein proto-oncogene tyrosine-protein kinase YES viral oncogene yes-1 homolog 1

## Publication Reference

- [QM, a putative tumor suppressor, regulates proto-oncogene c-yes.](#)

Oh HS, Kwon H, Sun SK, Yang CH.

The Journal of Biological Chemistry 2002 Sep; 277(39):36489.

Application: IF, IP-WB, WB-Tr, Human, BOSC 23, AGS, HeLa, HepG2, HCT116, MCF-7 cells

- [Regulation of the human sperm tyrosine kinase c-yes. Activation by cyclic adenosine 3',5'-monophosphate and inhibition by Ca\(2+\).](#)

Leclerc P, Goupil S.

Biology of Reproduction 2002 Jul; 67(1):301.

Application: IF, WB-Ce, Human, Sperm

- [Chromosomal reassignment: YACs containing both YES1 and thymidylate synthase map to the short arm of chromosome 18.](#)

G A Silverman, W L Kuo, P Taillon-Miller, J W Gray.

Genomics 1993 Feb; 15(2):442.

## Pathway

- [Adherens junction](#)
- [Tight junction](#)

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)