

## anti-Human Yes1 Polyclonal Antibody | anti-YES1 antibody

Anti-Yes1 Antibody

|                              |                            |                                                           |
|------------------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA46533</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------------|-----------------------------------------------------------|

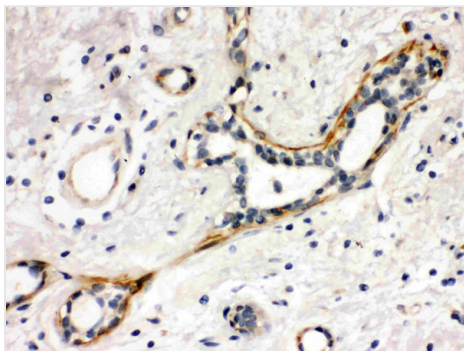
### PRODUCT SYNONYMS

Yes1; Polyclonal Antibody; Anti-Yes1 Antibody; Tyrosine-protein kinase Yes; c Yes; Cellular Yes 1 protein; Cellular Yes1 protein; HsT441; P61 YES; p61-Yes; Proto oncogene tyrosine protein kinase YES; Proto-oncogene c-Yes; Proto-oncogene tyrosine-protein kinase Yes; v yes 1 Yamaguchi sarcoma viral oncogene homolog 1; Viral oncogene yes 1 homolog 1; Viral oncogene yes1 homolog 1; Yamaguchi sarcoma oncogene; Yes 1; Yes; YES\_HUMAN; YES1; YES proto-oncogene 1; Src family tyrosine kinase; anti-YES1 antibody

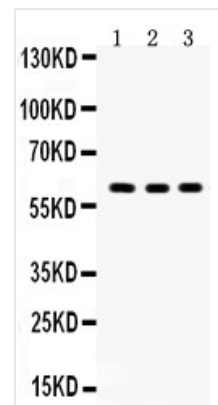
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human                                                                                                                                                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                    |
| Purity/Purification                            | Immunogen Affinity Purified                                                                                                                                                                                                                   |
| Form/Format                                    | Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                                                              |
| Sequence Length                                | 543                                                                                                                                                                                                                                           |
| Applicable Applications for anti-YES1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                 |
| Immunogen                                      | A synthetic peptide corresponding to a sequence at the N-terminus of human Yes1 (7-35aa KENKSPAICYRPENTPEPVSTSVSHYGAE), different from the related mouse sequence by six amino acids, and from the related rat sequence by seven amino acids. |
| Ig Type                                        | Rabbit IgG                                                                                                                                                                                                                                    |
| Reconstitution                                 | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                                                          |
| Preparation and Storage                        | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.                                           |

### IMAGES


**IHC (Immunohistochemistry)**

Anti- YES1 Picoband antibody, AAA46533,IHC(P)IHC(P): Human Mammary Cancer Tissue


**WB (Western Blot)**

Anti- YES1 Picoband antibody, AAA46533, Western blottingAll lanes: Anti YES1 (AAA46533) at 0.5ug/mlLane 1: SGC Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 61KDObserved bind size: 61KD

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-YES1 antibody | <p>Description: Rabbit IgG polyclonal antibody for Tyrosine-protein kinase Yes(YES1) detection. Tested with WB, IHC-P in Human.</p> <p>Background: Proto-oncogene tyrosine-protein kinase Yes is an enzyme that in humans is encoded by the YES1 gene. 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. YES1 has been shown to interact with Janus kinase 2, CTNND1, RPL10 and Occludin.</p> |
| References                                         | <p>1. "Entrez Gene: YES1 v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1" 2. Chen, Yan-Hua; Lu Qun; Goodenough Daniel A; Jeansonne Beverly (Apr 2002)."Nonreceptor tyrosine kinase c-Yes interacts with occludin during tight junction formation in canine kidney epithelial cells". Mol. Biol. Cell (United States) 13 (4): 1227-37.</p>                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 4885661                                          |
| NCBI GeneID                      | 7525                                             |
| NCBI Accession #                 | NP_005424.1                                      |
| NCBI GenBank Nucleotide #        | NM_005433.3                                      |
| UniProt Accession #              | P07947; A6NLB3; D3DUH1                           |
| Molecular Weight                 | 60,801 Da                                        |
| NCBI Official Full Name          | tyrosine-protein kinase Yes                      |
| NCBI Official Synonym Full Names | YES proto-oncogene 1, Src family tyrosine kinase |
| NCBI Official Symbol             | YES1                                             |
| NCBI Official Synonym Symbols    | Yes; c-yes; HsT441; P61-YES                      |
| NCBI Protein Information         | tyrosine-protein kinase Yes                      |
| UniProt Protein Name             | Tyrosine-protein kinase Yes                      |
| UniProt Gene Name                | YES1                                             |
| UniProt Synonym Gene Names       | YES                                              |
| UniProt Entry Name               | YES_HUMAN                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/yes1-antibody-immunohistochemistry-western-blot-elisa/46533>