

Rabbit anti-Human YES1 Polyclonal Antibody | anti-YES1 antibody

Anti-YES1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257752	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

YES1; Polyclonal Antibody; Anti-YES1 Antibody; Rabbit Polyclonal; YES1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-c-yes Antibody; Anti-HsT441 Antibody; Anti-P61-YES Antibody; Anti-Yes Antibody; YES proto-oncogene 1; Src family tyrosine kinase; anti-YES1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human YES1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-YES1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human YES1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human YES1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

YES1 was immunoprecipitated using: Lane A: 0.5 mg HEK293 Whole Cell Lysate 4 uL anti-YES1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-YES1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 60 kDa. Observed band size: 60 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of YES1 in U251MG cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human YES1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm and cell membrane.



WB (Western Blot)

Anti-YES1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: HEK293 Whole Cell Lysate Lane C: MCF7 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 60 kDa Observed band size: 60 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-YES1 antibody	Background: Proto-oncogene tyrosine-protein kinase Yes, also known as Proto-oncogene c-Yes, p61-Yes and YES1, is a cytoplasm protein that belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. YES1/c-Yes contains one protein kinase domain, one SH2 domain and one SH3 domain. It is thought that the subcellular distribution of Src-family tyrosine kinases, including c-Yes binding to the cellular membrane, is membranous and/or cytoplasmic. YES1/c-Yes protein tyrosine kinase is known to be related to malignant transformation. YES1/c-Yes and c-Src are the two most closely related members of the Src family of nonreceptor tyrosine kinases. Although there is much evidence to support redundancy in signaling between these two kinases. YES1/c-Yes promotes the formation of the tight junction by phosphorylating occludin, while c-Src signaling downregulates occludin formation in a Raf-1 dependent manner. YES1/c-Yes has tyrosine kinase activity. It promotes infectivity of Neisseria gonorrhoeae in epithelial cells by phosphorylating MCP/CD46.
Product Categories/Family for anti-YES1 antibody	Actin Dynamics Signaling Pathway
References	Summy, J.M. et al., 2003, Front Biosci 8 :s185-205. Clump, D.A. et al., 2005, Growth Factors 23 (4):263-72. Nonomura, T. et al., 2007, Int J Oncol 30 (1):105-11.

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-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/257752>