antibodies

Datasheet for ABIN754798 anti-YES1 antibody (AA 441-541)

3 Images



Overview

Quantity:	100 μL
Target:	YES1
Binding Specificity:	AA 441-541
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YES1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human YES1
lootuno:	
lsotype:	lgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.
Target Details	
Target:	YES1

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Target Details	
Alternative Name:	YES1 (YES1 Products)
Background:	Synonyms: Yes, c-yes, HsT441, P61-YES, Tyrosine-protein kinase Yes, Proto-oncogene c-Yes,
	YES1
	Background: Non-receptor protein tyrosine kinase that is involved in the regulation of cell
	growth and 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.
Gene ID:	7525
UniProt:	P07947
Pathways:	CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2,
	Thromboxane A2 Receptor Signaling
Application Details	

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid

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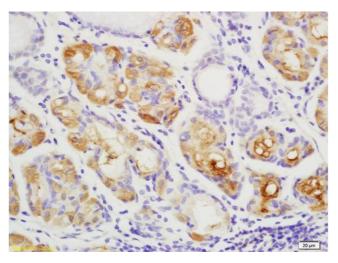
1 μg/μL

Concentration:

Handling

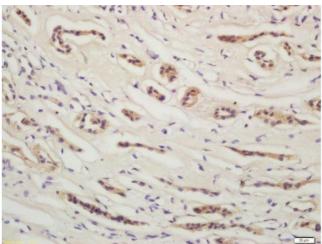
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



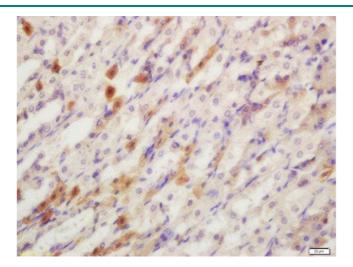
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti YES1 Polyclonal Antibody, Unconjugated (ABIN754798) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Rabbit Anti-YES1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded mouse stomach labeled with Rabbit Anti-YES1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

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