

YBX1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human YBX1
Form	Liquid
Concentration	0.15 mg/mL
Purification	Anitgen affinity chromatography, Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2790646

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	1 Publication
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

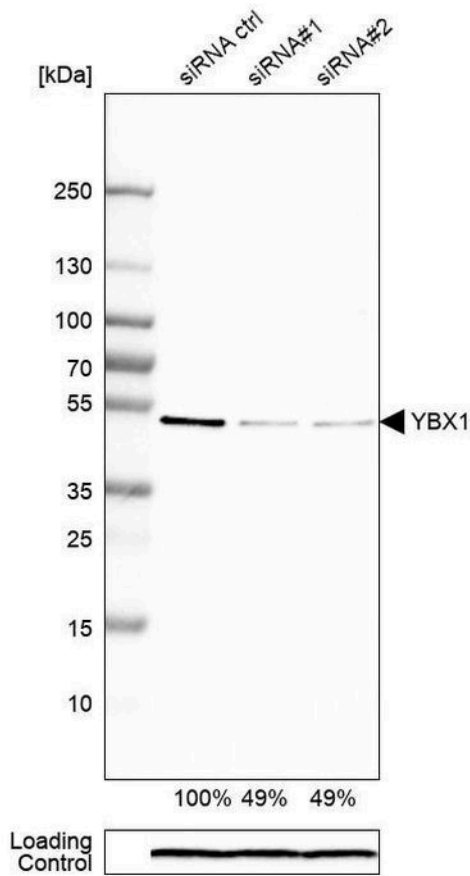
Product Specific Information

Immunogen sequence: SGEKNEGSES APEGQAQRR PYRRRRFPPY YMRRPYGRRP QYSNPPVQGE VMEGADNQGA GEQGRPVRQN MYRGYRPRFR RGPPRQRQPR EDGNEEDK

Product Images For YBX1 Polyclonal Antibody

YBX1 Antibody (PA5-83493)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HEK293 cells were transfected with, control siRNA, YBX1 siRNA probe #1, and YBX1 siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using anti-YBX1 Polyclonal Antibody (Product # PA5-83493) used at a dilution of 0.4 µg/mL. Anti-YBX1 was used as a loading control. {KD}



1 Reference

Western Blot (1)

Stem cell research & therapy

YBX-1 mediated sorting of miR-133 into hypoxia/reoxygenation-induced EPC-derived exosomes to increase fibroblast angiogenesis and MEndoT.

"PA5-83493 was used in Western Blotting to show that H/R treatment promoted miR-133 expression in EPCs and EPC-derived exosomes."

Authors: Lin F,Zeng Z,Song Y,Li L,Wu Z,Zhang X,Li Z,Ke X,Hu X

Year
2019

Species
Human

Dilution
1:100

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