

Product Datasheet

YB1 Antibody (ST0432) NBP2-67491

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67491

YB1 Antibody (ST0432)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST0432
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	50 kDa

Product Description

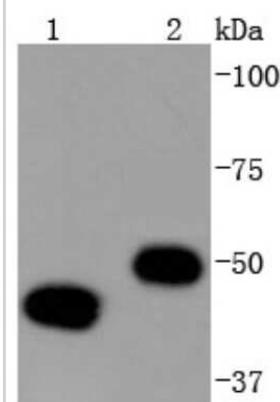
Host	Rabbit
Gene Symbol	YBX1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human YB1 aa 275-324 / 324. (SwissProt: P67809 Human; SwissProt: P62960 Mouse; SwissProt: P62961 Rat)

Product Application Details

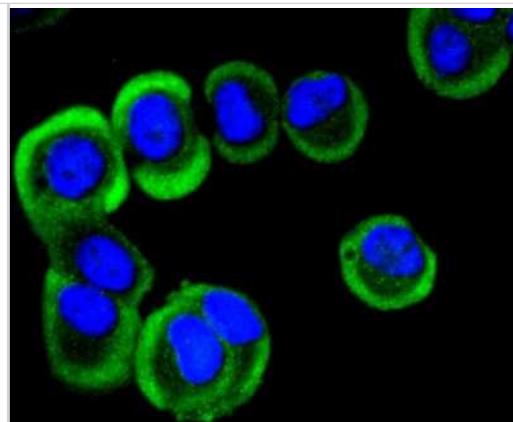
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

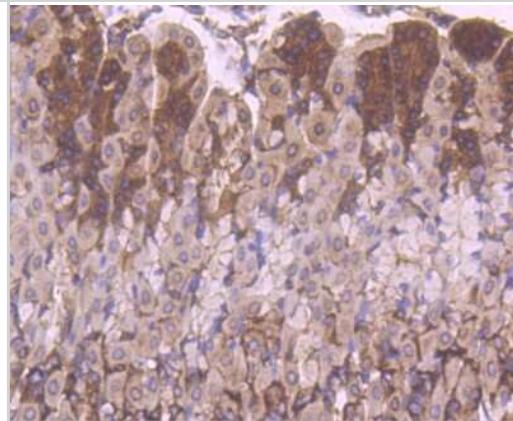
Western Blot: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of YB1 on different lysates using anti-YB1 antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: Jurkat



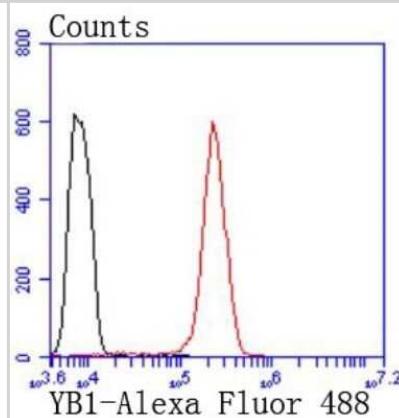
Immunocytochemistry/Immunofluorescence: YB1 Antibody (ST0432) [NBP2-67491] - Staining YB1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



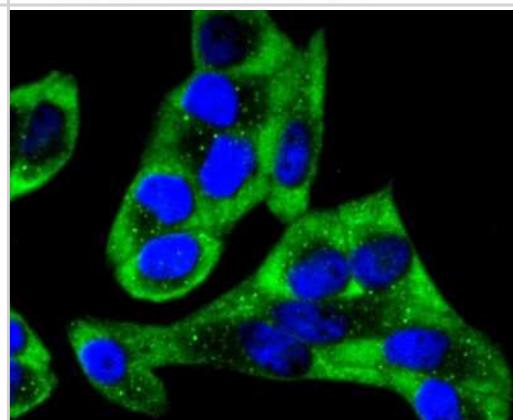
Immunohistochemistry-Paraffin: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of paraffin-embedded mouse stomach tissue using anti-YB1 antibody. Counter stained with hematoxylin.



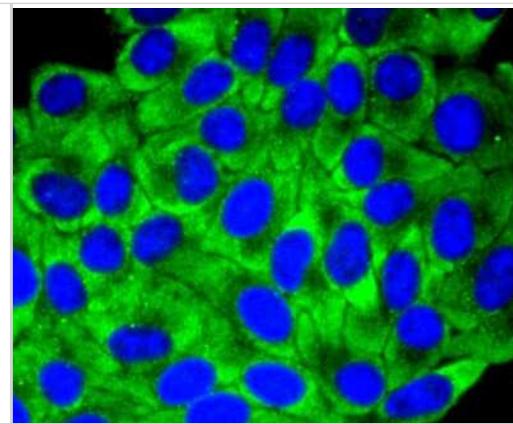
Flow Cytometry: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of HeLa cells with YB1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



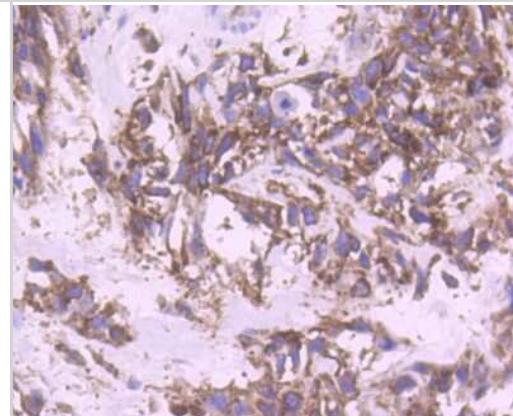
Immunocytochemistry/Immunofluorescence: YB1 Antibody (ST0432) [NBP2-67491] - Staining YB1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



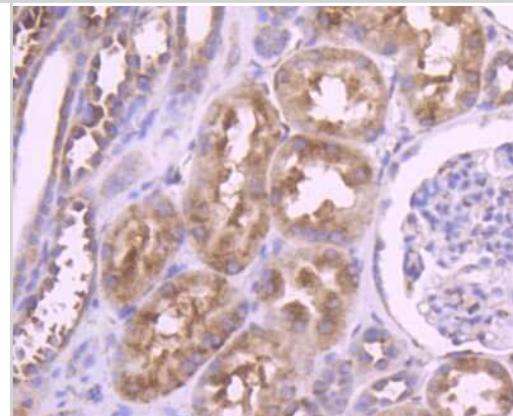
Immunocytochemistry/Immunofluorescence: YB1 Antibody (ST0432) [NBP2-67491] - Staining YB1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



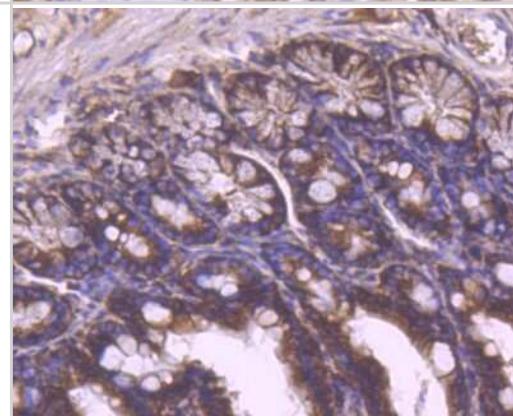
Immunohistochemistry-Paraffin: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-YB1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of paraffin-embedded human kidney tissue using anti-YB1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: YB1 Antibody (ST0432) [NBP2-67491] - Analysis of paraffin-embedded mouse colon tissue using anti-YB1 antibody. Counter stained with hematoxylin.



Publications

El-Ayoubi A, Klawitter M, Rüttinger J et al. Intranasal Delivery of the Oncolytic Adenovirus XVir-N-31 via Optimized Shuttle Cells Significantly Extends the Survival of Glioblastoma Bearing Mice *preprints.org* 2023-08-22 [PMID: 37894279] (IHC-Fr, Mouse)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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