

SRY polyclonal antibody

Catalog: BS30831

Host: Rabbit

Reactivity: Human

BackGround:

Sex-determining region Y protein: Transcriptional regulator that controls a genetic switch in male development . It is necessary and sufficient for initiating male sex determination by directing the development of supporting cell precursors (pre-Sertoli cells) as Sertoli rather than granulosa cells . Involved in different aspects of gene regulation including promoter activation or repression . Binds to the DNA consensus sequence 5'-[AT]AACAA[AT]-3' . SRY HMG box recognizes DNA by partial intercalation in the minor groove and promotes DNA bending . Also involved in pre-mRNA splicing . In male adult brain involved in the maintenance of motor functions of dopaminergic neurons (By similarity)

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~23.9 kDa

Swiss-Prot:

Q05066

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/100), IF/ICC (1/50 - 1/200)

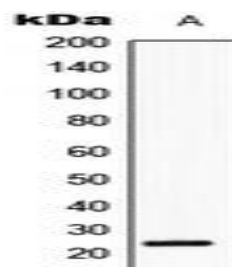
Storage&Stability:

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

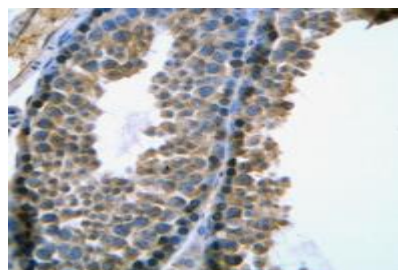
Specificity:

Recognizes endogenous levels of SRY protein.

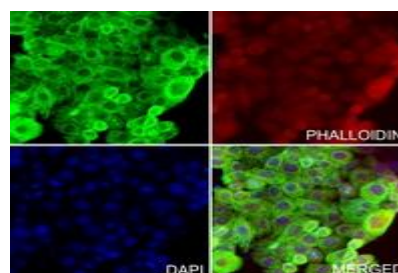
DATA:



Western blot analysis of RAD21 expression in Jurkat (A), A431 (B) whole cell lysates.



Immunohistochemical analysis of RAD21 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of RAD21 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells

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PRODUCT DATA SHEET

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were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

For research use only, not for use in diagnostic procedure.

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