



Rrn3 (V643) polyclonal antibody

Catalog: BS9122

Host: Rabbit

Reactivity: Human

BackGround:

In *Saccharomyces cerevisiae*, transcription of rRNA genes requires at least three transcription factors, which include the two multisubunit factors, Core factor and UAF that function in the assembly of the preinitiation complex. The third factor, Rrn3, functions as a single subunit and is not required for the preinitiation complex assembly. Unlike other Pol I transcription factors, Rrn3 is functionally conserved between yeast and mammals as an rRNA gene transcription regulator. Human Rrn3 is 21% homologous to the yeast Rrn3 protein and is a member of a conserved gene family spanning the fungi, plant and animal kingdoms. hRrn3, with a predicted molecular mass of 74 kDa, is highly expressed in the lung, retina, thymus, and prostate. Rrn3 may be identical to the transcription factor TIF-IA, since both TIF-IA and Rrn3 associate with pol I and their activities are growth rate dependent.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 74 kDa

Swiss-Prot:

Q9NYV6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 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:

Rrn3 (V643) polyclonal antibody detects endogenous levels of Rrn3 protein.

DATA:

Western blot (WB) analysis of Rrn3 (V643) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:A375 whole cell lysate(40ug)

Immunohistochemistry (IHC) analyzes of Rrn3 (V643) pAb in paraffin-embedded human breast cancer tissue.

Note:

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

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