

TNPO3 polyclonal antibody

Catalog: BS91365

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Importin complex consists of Importin- α and Importin- β proteins which assist in transport of arginine- or serine-rich (SR) proteins across the nucleus. Importin-12, also known as Transportin-3 or Transportin-SR, is a member of the Importin- β family and functions as a nuclear transport receptor for serine/arginine-rich proteins. Through recognition of phosphorylated RS domains, Importin-12 mediates the nuclear import of several SR proteins, such as splicing factors SFRS1 and SFRS2. By regulating the nucleocytoplasmic transport of these and other SR mRNA splicing factors, Importin-12 controls their access to mRNA and, therefore, acts a transcriptional regulator.

Product:

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

Molecular Weight:

104 kDa

Swiss-Prot:

Q9Y5L0(Human) Q6P2B1(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

IHC:1:50-1:200

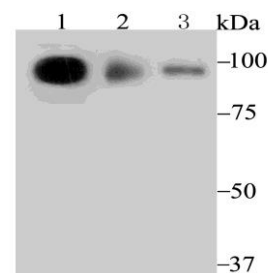
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

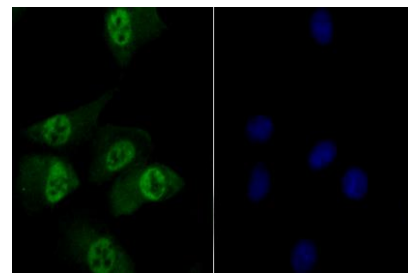
Specificity:

TNPO3 polyclonal antibody detects endogenous levels of TNPO3 protein.

DATA:



Western blot analysis of TNPO3 on K562 cell (1), HL-60 cell (2) and mouse pancreas tissue (3) lysate using anti-TNPO3 antibody at 1/1,000 dilution.



ICC staining TNPO3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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