

Translin (E121) polyclonal antibody

Catalog: BS2314

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Translin, also designated testis brain RNA-binding protein (TB-RBP), is a single-stranded DNA- and RNA-binding protein that binds to the 3' UTR regions (Y and H elements) of stored mRNAs, which suppresses their in vitro translation. The human translin gene maps to chromosome 2q21.1 and encodes a 26 kDa protein that has been highly conserved throughout evolution. Translin forms a ring-shaped structure, which is responsible for DNA binding, and also contains a leucine zipper motif, which is thought to enable translin to form dimers. Translin exports specific mRNAs out of the nucleus, supported by its localization in both the nuclei and cytoplasm of neurons, and regulates their translation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

Q15631

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

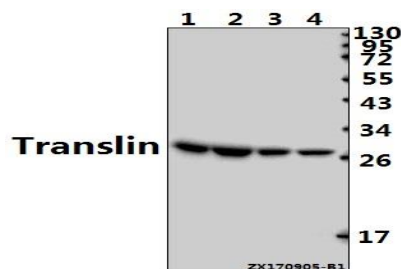
Storage&Stability:

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

Specificity:

Translin (E121) polyclonal antibody detects endogenous levels of Translin protein.

DATA:



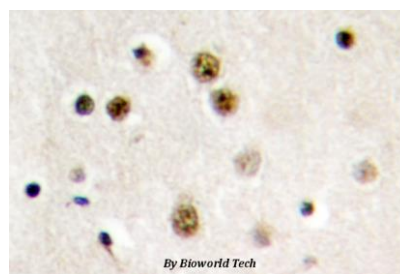
Western blot (WB) analysis of Translin (E121) pAb at 1:1000 dilution

Lane1:The Testis tissue lysate of Mouse(40ug)

Lane2:The Testis tissue lysate of Rat(40ug)

Lane3:L02 whole cell lysate(20ug)

Lane4:HEK293T whole cell lysate(20ug)



Immunohistochemistry (IHC) analyzes of Translin (E121) pAb in paraffin-embedded human brain tissue.

Note:

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

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