

DDX6 polyclonal antibody

Catalog: BS90404

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

RCK, also known as DDX6 and P54, is a member of the DEAD-box RNA helicase family of proteins, all of which share common protein motifs. Found in most tissues, RCK is an unwindase that exhibits ATP-dependent RNA un-winding activity, as well as the ability to decay RNA in the 5'-3' direction. In non-malignant cells, RCK is associated with all processes of normal RNA metabolism including splicing, export and translation initiation. Mutations in the gene encoding RCK can cause the protein to be overexpressed, changing its function to that of an oncogene that positively regulates the expression of genes involved in cell growth and proliferation. It is believed that, through its unwindase activity, the main function of RCK is to downregulate mRNA expression and maintain normal transcriptional levels within the cell.

Product:

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

Molecular Weight:

54 kDa

Swiss-Prot:

P26196(Human) P54823(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:50-1:100

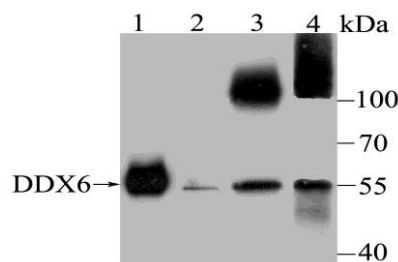
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

DDX6 polyclonal antibody detects endogenous levels of DDX6 protein.

DATA:



Western blot analysis of DDX6 on different lysates using anti-DDX6 antibody at 1/500 dilution.

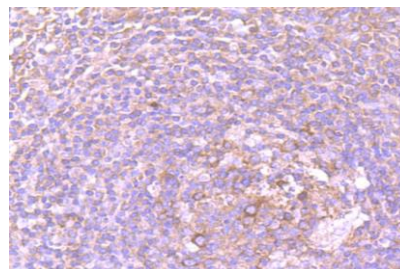
Positive control:

Lane 1: Human colon

Lane 2: SH-SY-5Y

Lane 3: SiHa

Lane 4: K562



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-DDX6 antibody. Counter stained with hematoxylin.

Note:

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

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