

Stat5b polyclonal antibody

Catalog: BS6031

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Stat5a and Stat5b (signal transducer and activator of transcription 5a and 5b; 96% homology) undergo receptor tyrosine kinase or G protein-coupled receptor-dependent phosphorylation in response to cytokines or growth factors, and then form homo- or heterodimers that translocate to the nucleus where they initiate transcription. Activation of Stat5b via IL-2, IL-4, CSF1 and growth hormones influences TCR signaling, apoptosis, adult mammary gland development and sexual dimorphism of liver gene expression. Stat5b is the major liver-expressed Stat5 form that has been shown to fuse with retinoic acid receptor- α gene in acute promyelocytic leukemias (APLL).

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 90 kDa

Swiss-Prot:

P51692

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: 1:500~1:2000

IF: 1:50~1:200

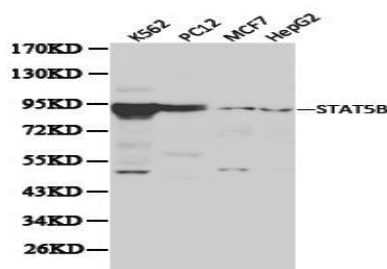
Storage&Stability:

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

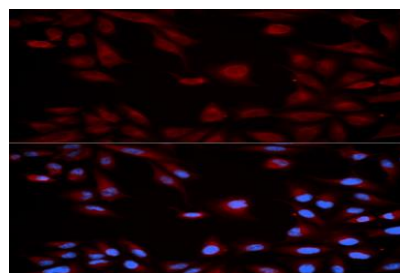
Specificity:

STAT5B polyclonal antibody detects endogenous levels of STAT5B protein.

DATA:



WesternBlot (WB) analysis of STAT5B polyclonal antibody in extracts from K562, PC12, MCF7 and HepG2 cells.



Immunofluorescence analysis of HeLa cells, using Stat5b polyclonal antibody

Note:

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

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