

PACO13877

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:500-1:10000, IHC:1:10-1:50

Protein Background:

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid, receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL.

Gene ID:

STAT5B

Uniprot

P51692

Synonyms:

Signal transducer and activator of transcription 5B

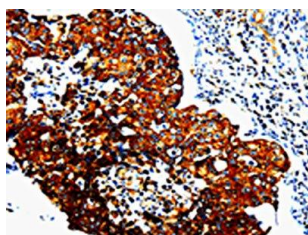
Immunogen:

Fusion protein of human STAT5B.

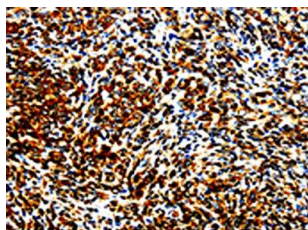
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO13877(STAT5B Antibody) at dilution 1/10. (Original magnification: x—200).



The image is immunohistochemistry of paraffin-embedded Human lymphoma tissue using PACO13877(STAT5B Antibody) at dilution 1/10. (Original magnification: x—200).