

Product Datasheet

Phospho-STAT5B (Ser731) Antibody

Catalog No: CY6507

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P51692

All Names: STA5B, Signal transducer and activator of transcription 5B

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human STAT5B around the phosphorylation site of Serine 731

Molecular Wt.: 90 kDa

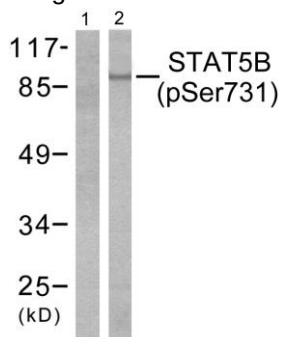
Application

WB: 1:500~1:2000

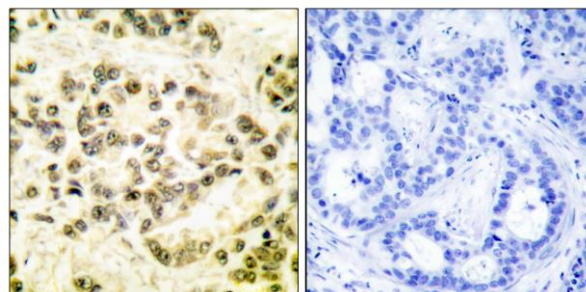
IHC: 1:50~1:200

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.



Western blot analysis of extracts from RAW264.7 cells, treated with EGF (200ng/ml, 30mins), using STAT5B (phospho-Ser731) antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using STAT5B (phospho-Ser731) antibody.

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