

Product Datasheet

STAT3 Antibody



Catalog No: CY5292

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: P40763

All Names: APRF; Acute-phase response factor; Signal transducer and activator of transcription 3; STAT3; HIES;

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

Molecular Wt.: 88 kDa

Application

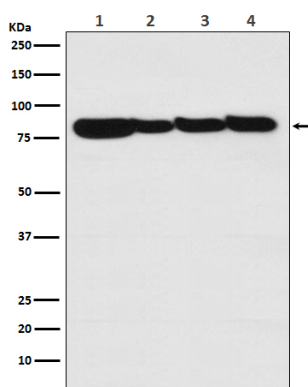
WB: 1:1000~1:2000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

Background

Transcription factor that binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein genes. Activated by IL31 through IL31RA. The protein encoded by this gene is a member of the STAT protein family. 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.



Western blot analysis of STAT3 expression in (1) A431 cell lysate; (2) Human liver lysate; (3) Mouse heart lysate; (4) Rat brain lysate.

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