

## Product Datasheet

# Phospho-STAT1 (S727) Antibody

Catalog No: CY5702

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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### Information

**UniProt ID:** P42224

**All Names:** Signal transducer and activator of transcription 1; Signal transducer and activator of transcription 1-alpha/beta; Transcription factor ISGF-3 components p91/p84; STAT1; CANDF7; ISGF3;

**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.:** 87 kDa

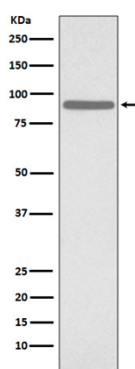
### Application

WB: 1:1000~1:2000

IHC: 1:50~1:200

### Background

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 Phospho-STAT1 (S727) expression in HeLa cell lysate treated with etoposide.

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