

Anti-Phospho-STAT2 (Y631) Antibody

Catalog Number: P01360-2

About STAT2

Signal transducer and activator of transcription 2(STAT2) is a protein that in humans is encoded by the STAT2 gene. The protein encoded by this gene is a member of the STAT protein family. The International Radiation Hybrid Mapping Consortium mapped the STAT2 gene to chromosome 12. STAT2 is a transcription factor critical to the signal transduction pathway of type I interferons. ISGF3(STAT2) assembly involves p48 functioning as an adaptor protein to recruit Stat1 and Stat2 to an IFN-alpha-stimulated response element, Stat2 contributes a potent transactivation domain but is unable to directly contact DNA, while Stat1 stabilizes the heteromeric complex by contacting DNA directly.

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Overview

Product Name	Anti-Phospho-STAT2 (Y631) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-STAT2 (Y631) Antibody catalog # P01360-2. Tested in WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P52630

Technical Details

Immunogen	A synthesized peptide derived from human STAT2 around the phosphorylation site of Tyr631.
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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-400

[Anti-Phospho-STAT2 \(Y631\) Antibody](#)

For Research Use Only. Not for use in diagnostic procedures.