

## Anti-Phospho-c-Fos/FOS (S362) Antibody

Catalog Number: P00297

### About FOS

The human oncogene c-fos is cellular homolog of the transforming gene of Finkel-Biskis-Jinkins(FBJ) murine osteosarcoma virus which was mapped to a single human chromosome. c-Fos is encoded by the FOS gene. FOS was the first transcription factor identified that has a critical function in regulating the development of cells destined to form and maintain the skeleton. FOS is also a major component of the activator protein-1(AP-1) transcription factor complex, which includes members of the JUN family. c-fos is a major nuclear target for signal transduction pathways involved in the regulation of cell growth, differentiation, and transformation. Using transgenic and knockout mice, Grigoriadis et al.(1995) established a unique role for the proto-oncogene and nuclear transcription factor, Fos, in regulating the differentiation and activity of specific bone cell populations, both during normal development and in bone disease.

### Overview

Product Name	Anti-Phospho-c-Fos/FOS (S362) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-c-Fos/FOS (S362) Antibody catalog # P00297. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 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 at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P01100

### Technical Details

Immunogen	A synthesized peptide derived from human c-Fos around the phosphorylation site of Ser362.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

**Suggested Dilutions**

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200

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**Anti-Phospho-c-Fos/FOS (S362) Antibody**

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