

## c-Fos(Phospho Ser362) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14525
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Fos around the phosphorylation site of Ser362. AA range:331-380
<b>Mol wt</b>	40695
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Proto-oncogene c-Fos
<b>Synonyms</b>	Proto-oncogene c-Fos; FOS; G0S7; Proto-oncogene c-Fos; Cellular oncogene fos; G0/G1 switch regulatory protein 7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.

### Recommended Dilution

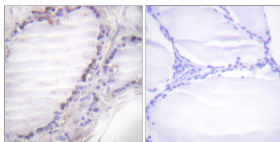
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

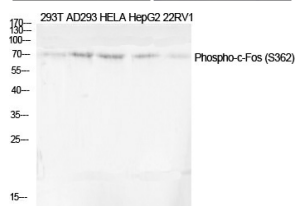
ELISA: 1: 10000

Not yet tested in other applications.

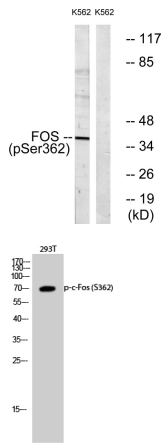
### Images



Immunohistochemistry analysis of paraffin-embedded human thyroid gland, using Fos (Phospho-Ser362) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-c-Fos (S362) Polyclonal Antibody diluted at 1:2000



Western Blot analysis of 293T cells using Phospho-c-Fos (S362) Polyclonal Antibody diluted at 1:2000

Western blot analysis of lysates from K562 cells treated with forskolin 40nM 30', using Fos (Phospho-Ser362) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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