

Name: Rabbit Polyclonal c-Fos Antibody
Product Data Sheet - GAT

Catalog: TA590201

Components: • Rabbit Polyclonal c-Fos Antibody (TA590201)

Amount: 100ug

Immunogen: DNA immunization. This antibody is specific for the N Terminus Region of the target protein.

Host: Rabbit

Isotype: IgG

Species Reactivity: Human , Dog , Rat , Monkey , Mouse

Guaranteed ELISA, WB, IHC

Applications:

Suggested Dilutions: WB 1:5000~20000, IHC 1:150, ELISA 1:100-1:2000

Concentration: 1.3mg/ml

Buffer: 20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0

Purification: The fragment used for DNA immunization was expressed in E.coli and the purified protein fragment was used for affinity purification of the antibody.

Storage Condition: Shipped at -20C or with ice packs. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Target

Target Name: Fos proto-oncogene, AP-1 transcription factor subunit

Alternative Name: AP-1|C-FOS|p55

Database Link:

[NP_005243](#)
[Entrez Gene 2353 Human](#)
[Entrez Gene 14281 Mouse](#)
[Entrez Gene 314322 Rat](#)
[Entrez Gene 702077 Monkey](#)
[Entrez Gene 490792 Dog](#)

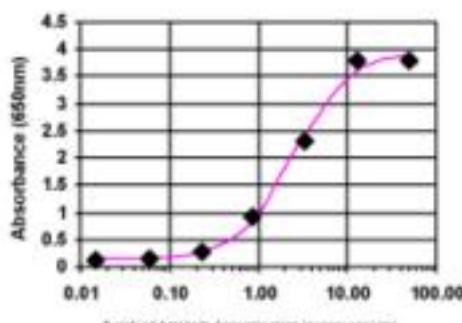
Function: The Fos gene family consists of 4 members: Fos, FosB, FosL1, and FosL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP1. As such, the Fos proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the Fos gene has also been associated

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with apoptotic cell death.

Validation Data

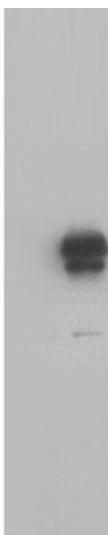
ELISA:



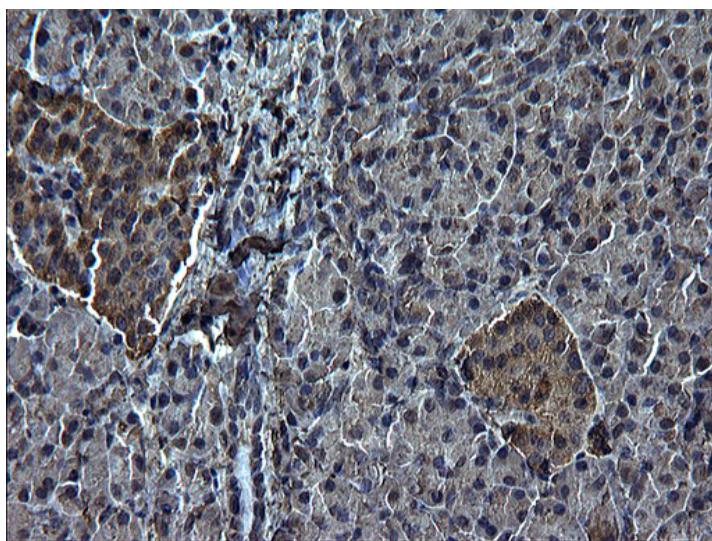
ELISA: c-Fos Antibody

The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

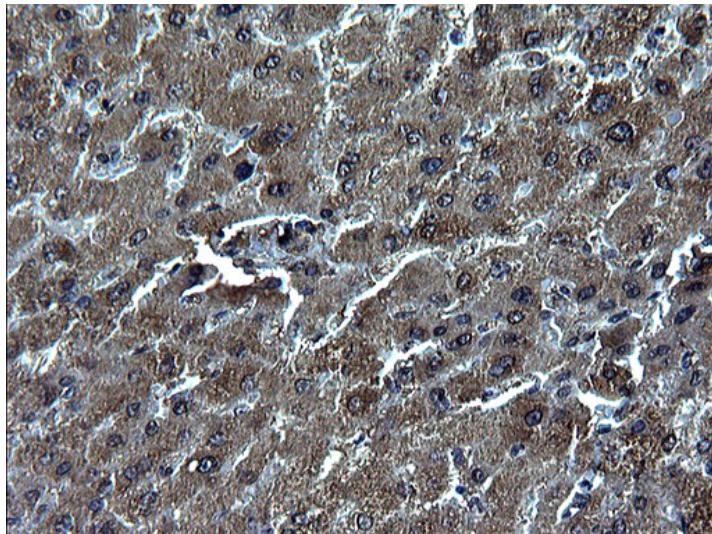
170
130
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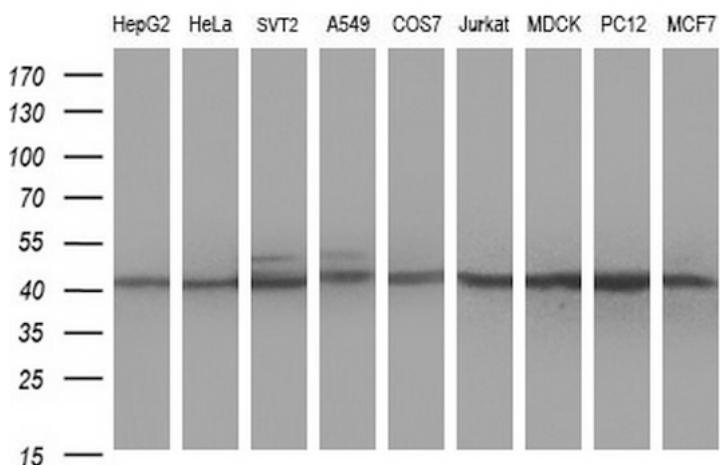
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FOS (RC202597, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FOS.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue using anti-FOS Rabbit Polyclonal antibody. (TA590201)



Immunohistochemical staining of paraffin-embedded Human liver tissue using anti-FOS Rabbit Polyclonal antibody. (TA590201)



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-FOS polyclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).