

c-Fos Polyclonal Antibody

catalog number: E-AB-30899

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

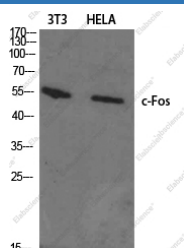
Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from the N-terminal region of human c-Fos
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

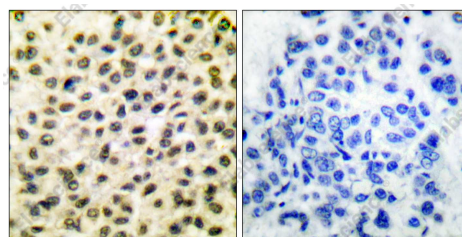
WB	1:500-1:2000
IHC	1:100-1:300

Data



Western Blot analysis of 3T3, Hela cells using c-Fos Polyclonal Antibody at dilution of 1:1000.

Observed-MW:62 kDa
Calculated-MW:41 kDa



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Fos Antibody at dilution of 1:200. The picture on the right is blocked with the synthesized peptide.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell proliferation and differentiation.

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