

Anti-FOS Polyclonal Antibody 3

Product Details

| | |
|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Mouse,Rat (predicted:Human,Dog,Pig,Cow,Horse,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 41 kDa. Actual: 41 kDa. |
| Purification: | Protein A purified |

Applications

1. Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (c-fos) Polyclonal Antibody, Unconjugated (TMAB-00700) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Sample: Large intestine (Mouse) Lysate at 40 µg Large intestine (Rat) Lysate at 40 µg

Primary: Anti-c-fos (TMAB-00700) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Verified Activity: Predicted band size: 41 kDa

Observed band size: 41 kDa

3. Sample:

Brain (Mouse) Lysate at 40 µg

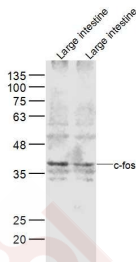
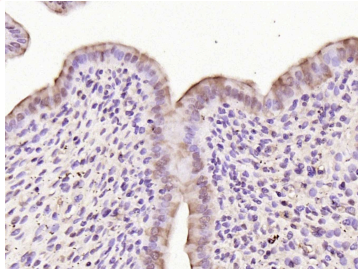
Brain (Rat) Lysate at 40 µg

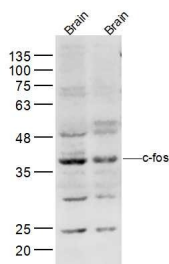
Primary: Anti-c-fos (TMAB-00700) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human c-fos

Antigen Species: Human

Gene ID: 2353

Uniprot ID: P01100

Synonyms: FBJ Osteosarcoma Virus;Activator protein 1;AP 1;C FOS;Proto-oncogene c-Fos;G0/G1 switch regulatory protein 7;G0S7;FBJ murine osteosarcoma viral (v fos) oncogene homolog (oncogene FOS);Oncogene FOS;p55;Cellular oncogene c fos

Biology Area: Transcription factors,Oncoproteins,Proto-oncogenes,Leucine Zipper,Soma marker

Research 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. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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