

Anti-FOS Antibody (4X378)

Product Details

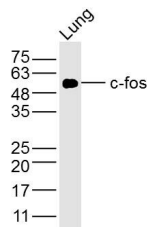
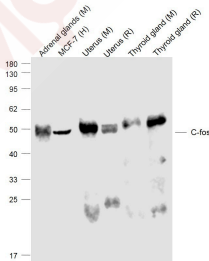
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 41 kDa. Actual: 50 kDa.
Clone:	4X378
Purification:	Protein G purified

Applications

1. Sample: Adrenal glands (Mouse) Lysate at 40 µg MCF-7 (Human) Cell Lysate at 30 µg Uterus (Mouse) Lysate at 40 µg Uterus (Rat) Lysate at 40 µg Thyroid gland (Mouse) Lysate at 40 µg Thyroid gland (Rat) Lysate at 40 µg
Primary: Anti-c-fos (TMAB-00697) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 62/46 kDa

Verified Activity: Observed band size: 46 kDa

2. Sample:
Lung (Mouse) Lysate at 40 µg
Primary: Anti-c-fos (TMAB-00697) at 1/2 000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 41 kDa
Observed band size: 50 kDa



Application:	WB
Recommended	WB: 1:500-2000

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: Recombinant Protein: human c-fos Protein

Antigen Species: Human

Gene ID: 2353

Uniprot ID: P01100

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