



Rabbit Anti-FOSB monoclonal antibody, clone TO814 (CABT-L759)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	FosB
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO814
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	48 kDa
Cellular Localization	Nucleus.
Positive Control	Human liver tissue, rat spleen tissue, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The v-Fos oncogene was initially identified as the transforming gene of two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a nuclear phosphoprotein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo- and heterodimers which bind to specific DNA TPA response elements (TREs), c-Fos proteins are only active as heterodimers with members of the Jun gene family. Murine Fos B encodes a nuclear protein of 338 amino acids which has 70% homology with c-Fos, exhibits similar kinetics of expression as c-Fos and forms heterodimers with both c-Jun and Jun B which bind to TRE DNA response elements. Functional homologs of c-Fos and Fos B include Fra-1 and Fra-2 genes.

Keywords

Activator protein 1;AP 1;DKFZp686C0818;FBJ murine osteosarcoma viral oncogene homolog B;fosB;FOSB_HUMAN;G0/G1 switch regulatory protein 3;GOS3;GOS 3;GOS B;GOS3;GOSB;MGC42291;Oncogene FOS B;Oncogene FOSB;Protein fos B;Protein fosB antibody
