

Basic Information

Product Name	Anti-FOSL1 Antibody
Gene Name	FOSL1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence of human FRA1 (QPPAAAQAAQKFHLVPSINTMSGSQELQWMVQPH).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	29KD
Dilution Ratios	Western blot(WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Fos-related antigen 1 (FRA1) is a protein that in humans is encoded by the FOSL1 gene. 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. Several transcript variants encoding different isoforms have been found for this gene.

Selected Validation Data

kDa

72 -

55 -

43 -

34 -

26 -

17 -

10 -

Figure 1. Western blot analysis of FRA1 using anti-FRA1 antibody (A03927-1). The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: human A375 whole cell lysates. probed with a goat anti-rabbit IgG-HRP secondary antibody . The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) A specific band was detected for FRA1 at approximately 29KD. The expected band size for FRA1 is at 29KD.