

**FOSL2 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10972c**

### Specification

#### FOSL2 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	<a href="#">P15408</a>
Other Accession	<a href="#">P51145</a> , <a href="#">P47930</a> , <a href="#">P18625</a> , <a href="#">NP_005244.1</a>
Reactivity	Human, Hamster
Predicted	Chicken, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35193
Antigen Region	95-122

#### FOSL2 Antibody (Center) - Additional Information

##### Gene ID 2355

##### Other Names

Fos-related antigen 2, FRA-2, FOSL2, FRA2

##### Target/Specificity

This FOSL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-122 amino acids from the Central region of human FOSL2.

##### Dilution

WB~~1:1000

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

##### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

##### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

##### Precautions

FOSL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

#### FOSL2 Antibody (Center) - Protein Information

##### Name FOSL2

**Synonyms** FRA2

**Function** Controls osteoclast survival and size (By similarity). As a dimer with JUN, activates LIF transcription (By similarity). Activates CEBPB transcription in PGE2-activated osteoblasts (By similarity).

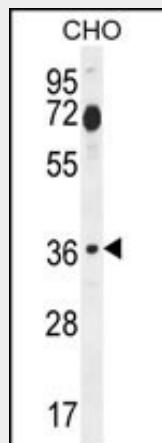
**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P51145}.

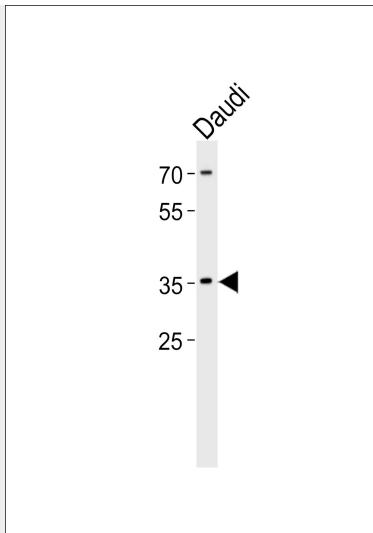
**FOSL2 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

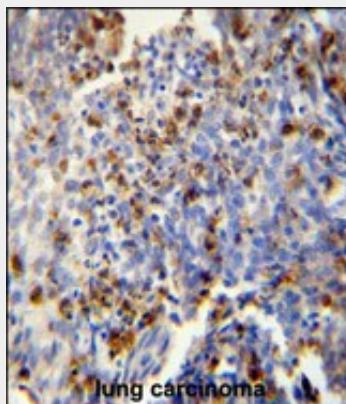
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FOSL2 Antibody (Center) - Images**

FOSL2 Antibody (Center) (Cat. #AP10972c) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the FOSL2 antibody detected the FOSL2 protein (arrow).



Western blot analysis of lysate from Daudi cell line, using FOSL2 Antibody (Center)(Cat. #AP10972c). AP10972c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



FOSL2 antibody (Center) (Cat. #AP10972c) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FOSL2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

### **FOSL2 Antibody (Center) - 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.

### **FOSL2 Antibody (Center) - References**

- Bozec, A., et al. J. Cell Biol. 190(6):1093-1106(2010)
- Bolat, I., et al. Folia Histochem. Cytobiol. 48(2):197-201(2010)
- Reich, N., et al. Arthritis Rheum. 62(1):280-290(2010)
- Maurer, B., et al. Circulation 120(23):2367-2376(2009)
- Tabakoff, B., et al. BMC Biol. 7, 70 (2009) :