

**Anti-FRA2 Picoband Antibody**  
Catalog # ABO12277**Specification**

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**Anti-FRA2 Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P15408</a>
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Fos-related antigen 2(FOSL2) detection. Tested with WB in Human;Rat.<br>

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-FRA2 Picoband Antibody - Additional Information**

**Gene ID** 2355

**Other Names**

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

**Calculated MW**

35193 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human, Rat<br>

**Subcellular Localization**

Nucleus.

**Protein Name**

Fos-related antigen 2

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human FRA2 (96-127aa ALPRPGVIKTIGTTVGRRRRDEQLSPEEEEEKR), identical to the related mouse and rat sequences.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

## Storage

At -20°C for one year. After r°Constitution, at 4°C for one month. It°Can also be aliquotted and stored frozen at -20°C for a longer time.Avoid repeated freezing and thawing.

## Sequence Similarities

Belongs to the bZIP family. Fos subfamily.

## Anti-FRA2 Picoband Antibody - 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

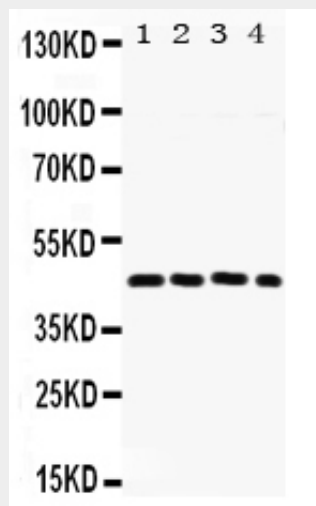
Nucleus {ECO:0000250|UniProtKB:P51145}.

## Anti-FRA2 Picoband Antibody - 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](#)

## Anti-FRA2 Picoband Antibody - Images



Anti-FRA2 Picoband antibody, ABO12277, Western blottingAll lanes: Anti FRA2 (ABO12277) at 0.5ug/mlLane 1: Rat Lung Tissue Lysate at 50ugLane 2: HEPG2 Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugLane 4: SW620 Whole Cell Lysate at 40ugPredicted bind size: 35KDObserved bind size: 43KD

#### **Anti-FRA2 Picoband Antibody - Background**

Fos-related antigen 2 is a protein that in humans is encoded by the FOSL2 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.