

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

Anti-FRA2 Picoband Antibody - Product Information

Application	WB
Primary Accession	P15408
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.

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

Subcellular Localization

Nucleus.

Protein Name

Fos-related antigen 2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

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 reconstitution, 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).

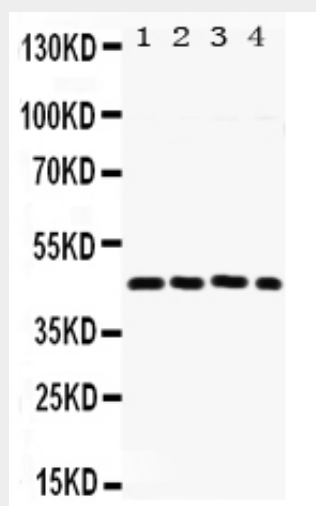
Cellular Location

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.