

Anti-FRA2 Picoband Antibody

Catalog # ABO12277

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.

Additional Information

Gene ID	2355
Other Names	Fos-related antigen 2, FRA-2, FOSL2, FRA2
Calculated MW	35193
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat
Subcellular Localization	Nucleus.
Source	Eukaryota
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 ALPRPGVIKTIGTTVGRRRRDEQLSPEEEER), 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.

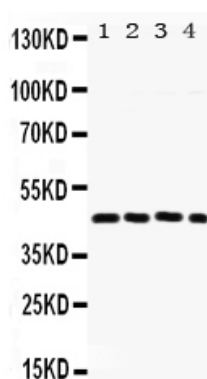
Protein Information

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}.

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.

Images



Anti-FRA2 Picoband antibody, ABO12277, Western blotting
All lanes: Anti FRA2 (ABO12277) at 0.5ug/ml
Lane 1: Rat Lung Tissue Lysate at 50ug
Lane 2: HEPG2 Whole Cell Lysate at 40ug
Lane 3: A549 Whole Cell Lysate at 40ug
Lane 4: SW620 Whole Cell Lysate at 40ug
Predicted bind size: 35KD
Observed bind size: 43KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.