

Goat Anti-FRA1 / FOSL1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1441a**Specification**

Goat Anti-FRA1 / FOSL1 Antibody - Product Information

Application	WB
Primary Accession	P15407
Other Accession	NP_005429 , 8061 , 14283 (mouse) , 25445 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	29413

Goat Anti-FRA1 / FOSL1 Antibody - Additional Information**Gene ID** 8061**Other Names**

Fos-related antigen 1, FRA-1, FOSL1, FRA1

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-FRA1 / FOSL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-FRA1 / FOSL1 Antibody - Protein Information**Name** FOSL1**Synonyms** FRA1**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P51145}.

Goat Anti-FRA1 / FOSL1 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](#)

Goat Anti-FRA1 / FOSL1 Antibody - Images



AF1441a (1 µg/ml) staining of Human Bone Marrow lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-FRA1 / FOSL1 Antibody - 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.

Goat Anti-FRA1 / FOSL1 Antibody - References

AP-1 (Fra-1/c-Jun)-mediated induction of expression of matrix metalloproteinase-2 is required for 15S-hydroxyeicosatetraenoic acid-induced angiogenesis. Singh NK, et al. J Biol Chem, 2010 May 28. PMID 20353950.
[Expression of the FOSL1 gene in psoriasis and atherosclerosis] Sobolev VV, et al. Genetika, 2010 Jan. PMID 20198886.
Human papillomavirus type 8 E2 protein unravels JunB/Fra-1 as an activator of the beta4-integrin gene in human keratinocytes. Oldak M, et al. J Virol, 2010 Feb. PMID 19923172.
Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.
Genetical genomic determinants of alcohol consumption in rats and humans. Tabakoff B, et al. BMC Biol, 2009 Oct 27. PMID 19874574.