

Rabbit FOSL2 Polyclonal Antibody | anti-FOSL2 antibody

FOSL2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288695	Rabbit	Human, hamster (Predicted Reactivity: Chicken, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

FOSL2; Polyclonal Antibody; FOSL2 Antibody (Center); Fos-related antigen 2; FRA-2; FRA2; anti-FOSL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, hamster (Predicted Reactivity: Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	95-122
Sequence Length	326
Applicable Applications for anti-FOSL2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)

FOSL2 antibody (Center) 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.



WB (Western Blot)

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



WB (Western Blot)

Western blot analysis of lysate from Daudi cell line, using FOSL2 Antibody (Center).
AAA288695 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.

ADDITIONAL INFORMATION

Related Product Information for anti-FOSL2 antibody	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.
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885245
NCBI GeneID	2355
NCBI Accession #	NP_005244.1
NCBI GenBank Nucleotide #	NM_005253.3
UniProt Accession #	P15408; Q6FG46; B2RD58; B3KP27; B4DYV4
Molecular Weight	35193
NCBI Official Full Name	fos-related antigen 2
NCBI Official Synonym Full Names	FOS-like antigen 2
NCBI Official Symbol	FOSL2
NCBI Official Synonym Symbols	FRA2
NCBI Protein Information	fos-related antigen 2
UniProt Protein Name	Fos-related antigen 2
UniProt Gene Name	FOSL2
UniProt Synonym Gene Names	FRA2; FRA-2
UniProt Entry Name	FOSL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.