# Rabbit FOSL1 Polyclonal Antibody | anti-FOSL1 antibody

FOSL1 antibody - middle region

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA23383** | **Rabbit** | **Tested Species Reactivity Human, RatPredicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

FOSL1; Polyclonal Antibody; FOSL1 antibody - middle region; anti-FOSL1 antibody

## PRODUCT SPECIFICATIONS

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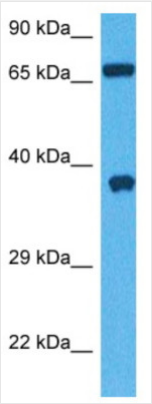
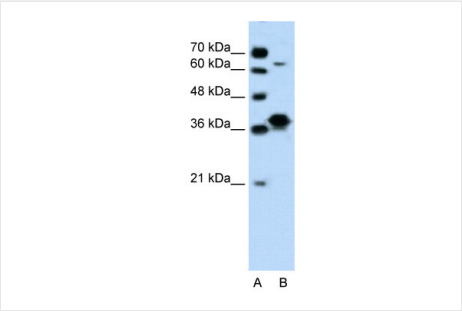
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Tested Species Reactivity Human, Rat<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish |
| **Clonality** | Polyclonal |
| **Purity/Purification** | Affinity Purified |
| **Form/Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Concentration** | 0.5 mg/ml (varies by lot) |
| **Sequence** | Syntheticp eptideloca tedwithint hefollowin gregion:TD FLQAETDKLE DEKSGLQREI EELQKQKERL ELVLEAHRPI CKIPEGAK |
| **Sequence Length** | 271 |
| **Applicable Applications for anti-FOSL1 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Predicted Homology** | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 85%; Zebrafish: 85% |
| **Immunogen** | The immunogen is a synthetic peptide directed towards the middle region of human FOSL1 |
| **Protein Size (# AA)** | 271 amino acids |
| **Protein Interactions** | NME7; CREB5; USF1; LDOC1; JUNB; MAFB; MAF; JUN; DDIT3; ATF2; CEBPG; CEBPE; CEBPA; ATF4; ATF3; PARVG; WFDC1; TAB2; ATXN1; MYC; KPNA1; PSMC3; EP300; CREBBP; TRIM24; UBC; HDAC1; CALCOCO1; ATF1; CREB1; SRF; ELK1; |
| **Blocking Peptide** | For anti-FOSL1 (AAA23383) antibody is Catalog # |
| **Preparation and Storage** | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

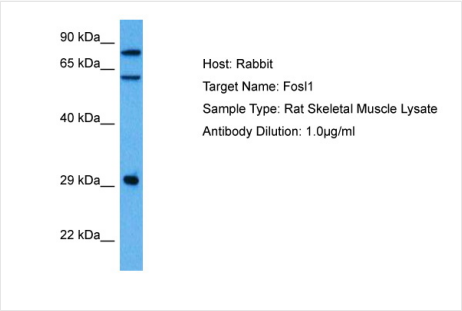
## IMAGES



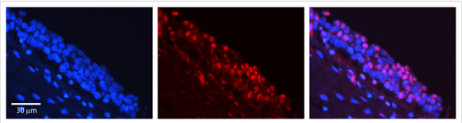

**WB (Western Blot)**
Host: Rabbit Target Name: FOSL1 Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1ug/ml



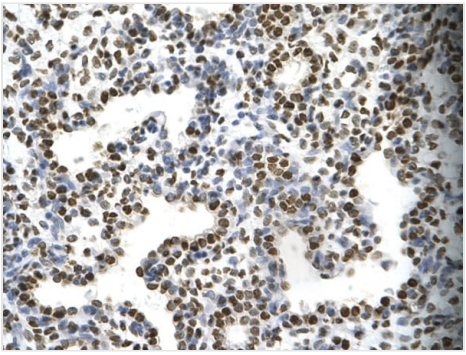

**WB (Western Blot)**
WB Suggested Anti-FOSL1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Jurkat cell lysate



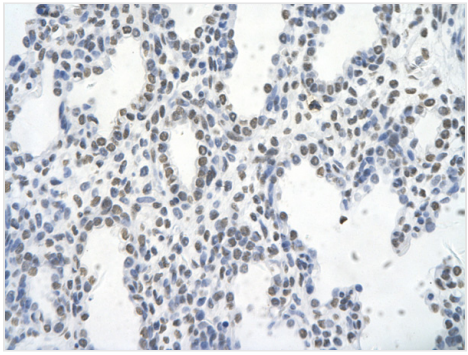

**WB (Western Blot)**
Host: RatTarget Name: FOSL1Sample Tissue: Rat Skeletal MuscleAntibody Dilution: 1ug/ml



**IHC (Immunohistochemistry)**
Rabbit Anti-FOSL1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Urinary Bladder TissueObserved Staining: NucleusPrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec



**IHC (Immunohistochemistry)**
Rabbit Anti-FOSL1 AntibodyParaffin Embedded Tissue: Human alveolar cellCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X



**IHC (Immunohistochemistry)**
Rabbit Anti-FOSL1 AntibodyParaffin Embedded Tissue: Human alveolar cellCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-FOSL1 antibody** | Target Description: 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. The FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation.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. |
| **Product Categories/Family for anti-FOSL1 antibody** | Polyclonal; Transcription Factor; Transcription Regulation; Immunohistochemistry; Transcription Factors |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 4885243 |
| **NCBI GeneID** | 8061 |
| **NCBI Accession #** | NP_005429 |
| **NCBI GenBank Nucleotide #** | NM_005438 |
| **UniProt Accession #** | P15407 |
| **Molecular Weight** | 29kDa |
| **NCBI Official Full Name** | fos-related antigen 1 isoform 1 |
| **NCBI Official Synonym Full Names** | FOS like 1, AP-1 transcription factor subunit |
| **NCBI Official Symbol** | FOSL1 |
| **NCBI Official Synonym Symbols** | FRA; FRA1; fra-1 |
| **NCBI Protein Information** | fos-related antigen 1 |
| **UniProt Protein Name** | Fos-related antigen 1 |
| **UniProt Gene Name** | **FOSL1** |
| **UniProt Synonym Gene Names** | FRA1; FRA-1 |
| **UniProt Entry Name** | FOSL1_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/fosl1-antibody-immunohistochemistry-western-blot-elisa/23383