

Goat c-FOS Antibody | anti-FOS antibody

Goat anti-c-FOS (aa283-295) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13673	Goat	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

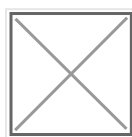
PRODUCT SYNONYMS

c-FOS; Goat anti-c-FOS (aa283-295) Antibody; activator protein 1; AP-1; cellular oncogene c-fos; C-FOS; FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS); FBJ murine osteosarcoma viral oncogene homolog; FOS; G0/G1 switch regulatory protein 7; p55; proto-oncogene c-Fos; anti-FOS antibody

PRODUCT SPECIFICATIONS

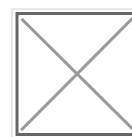
Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Dog, Pig, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	380
Applicable Applications for anti-FOS antibody	ELISA (Peptide ELISA), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Peptide ELISA: Antibody detection limit dilution 1: 128000. IHC: Paraffin embedded Human Tonsil. Recommended concentration: 8ug/ml Immunofluorescence : Strong expression of the protein seen in the nucleus of HeLa cells, and in the ER and cytoplasm of MCF7 cells. Recommended concentration : 10ug/mL.
Immunogen	Peptide with sequence C-SETARSVPDMDLS, from the internal region of the protein sequence according to NP_005243.1.
Preparation and Storage	Aliquot and store at -20 degrees C. Minimize freezing and thawing.

IMAGES



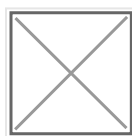
IHC (Immunohistochemistry)

Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



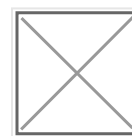
IHC (Immunohistochemistry)

8ug/ml staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong nuclear and weak cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IHC (Immunohistochemistry)

AAA13673 (5ug/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885241
NCBI GeneID	2353
NCBI Accession #	NP_005243.1
NCBI GenBank Nucleotide #	NM_005252.3
NCBI Official Full Name	proto-oncogene c-Fos
NCBI Official Synonym Full Names	Fos proto-oncogene, AP-1 transcription factor subunit
NCBI Official Symbol	FOS
NCBI Official Synonym Symbols	p55; AP-1; C-FOS
NCBI Protein Information	proto-oncogene c-Fos
UniProt Protein Name	Proto-oncogene c-Fos
UniProt Gene Name	FOS
UniProt Synonym Gene Names	G0S7
UniProt Entry Name	FOS_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/goat-cow-dog-human-pig-antibody/c-fos/13673>