

Rabbit FOS Polyclonal Antibody | anti-FOS antibody

FOS antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201687	Rabbit	Cow, Dog, Human, Mouse, Pig, Rat, Sheep	Immunohistochemistry, Western Blot

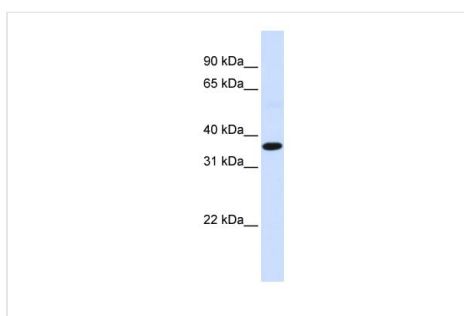
PRODUCT SYNONYMS

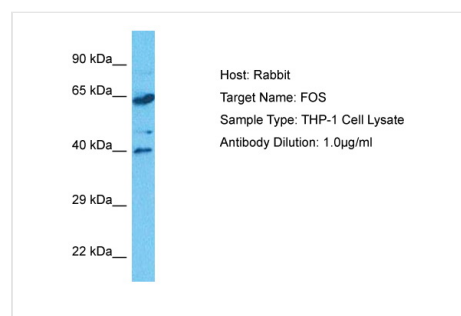
FOS; Polyclonal Antibody; FOS antibody - N-terminal region; anti-FOS antibody

PRODUCT SPECIFICATIONS

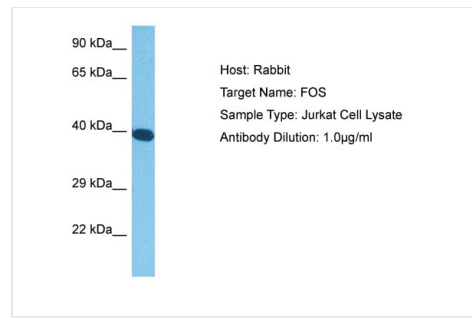
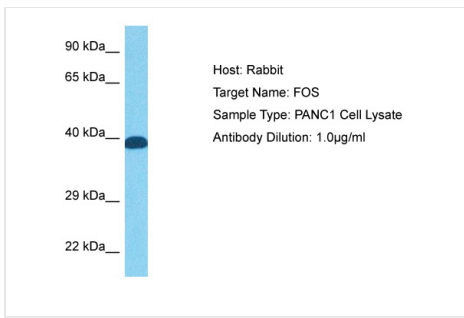
Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Pig, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MFSGFNADYEASSRCSSASPA GDSLSYYHSP ADSFSSMGSPVNAQDFCT
Sequence Length	380
Applicable Applications for anti-FOS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FOS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-FOS Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Muscle

WB (Western Blot)

Host: Rabbit
Target Name: FOS
Sample Type: THP-1 Cell Lysate
Antibody Dilution: 1.0 µg/ml

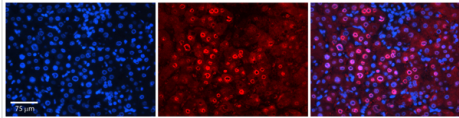


WB (Western Blot)

Host: RabbitTarget Name: FOSSample Tissue: Human PANC1 Whole CellAntibody Dilution: 1ug/ml

WB (Western Blot)

Host: RabbitTarget Name: FOSSample Tissue: Human Jurkat Whole CellAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-FOS AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Liver
TissueObserved Staining: Nucleus in hepatocytesPrimary Antibody Concentration: 1:100Other
Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary
Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-FOS antibody

This is a rabbit polyclonal antibody against FOS. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: The Fos family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. The family members are 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. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. 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. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-FOS antibody

Polyclonal; Transcription Factor; Lymphocyte Signaling; Transcription Regulation; Methylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885241
NCBI GeneID	2353
NCBI Accession #	NP_005243
NCBI GenBank Nucleotide #	NM_005252
UniProt Accession #	P01100
Molecular Weight	41kDa
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/polyclonal/fos-antibody-immunohistochemistry-western-blot-elisa/201687>