

FOS polyclonal antibody

Catalog # PAB0752

Size 100 uL

Specification

Product Description	Sheep polyclonal antibody raised against synthetic peptide of FOS.
Immunogen	A synthetic peptide (conjugated diphtheria toxoid) corresponding to amino acids 2-17 of human FOS .
Sequence	MFSGFNADYEASSSRC
Host	Sheep
Reactivity	Hamster, Human, Rabbit, Rat
Specificity	This antiserum shows a high level of specificity for cFOS confirmed by immunohistochemistry.
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:500-1:8000) Western Blot (1:500-1:8000) The optimal dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 100 uL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

Gene Info — FOS

Entrez GeneID	2353
Protein Accession#	P01100;Q4FDN1;P01101;Q56TL8;Q5XQC6
Gene Name	FOS
Gene Alias	AP-1, C-FOS
Gene Description	v-fos FBJ murine osteosarcoma viral oncogene homolog
Omim ID	164810
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS) activator protein 1 cellular oncogene c-fos

Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Bulimia](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)