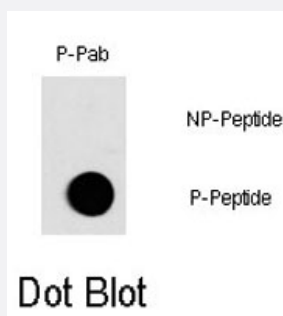


FOS (phospho T232) polyclonal antibody

Catalog # PAB0475

Size 400 uL

Applications



Dot Blot (Peptide)

Dot blot analysis of FOS (phospho T232) polyclonal antibody (Cat # PAB0475) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. P-Pab : phospho-antibody; P-Peptide : phospho-peptide; NP-Peptide : non-phospho-peptide.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of FOS.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T232 of human FOS.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Dot Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — FOS

Entrez GeneID	2353
Protein Accession#	NP_005243;P01100
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

Publication Reference

- [Helicobacter pylori infection activates FOS and stress-response genes and alters expression of genes in gastric cancer-specific loci.](#)

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- [Tobacco smoke control of mucin production in lung cells requires oxygen radicals AP-1 and JNK.](#)

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The Journal of Biological Chemistry 2004 Sep; 279(37):39085.

- [Expression of Egr-1, c-fos and cyclin D1 in esophageal cancer and its precursors: An immunohistochemical and in situ hybridization study.](#)

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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](#)