

Fos B Polyclonal Antibody | anti-Fos B antibody

Anti-Fos B Antibody

CATALOG # AAA46494	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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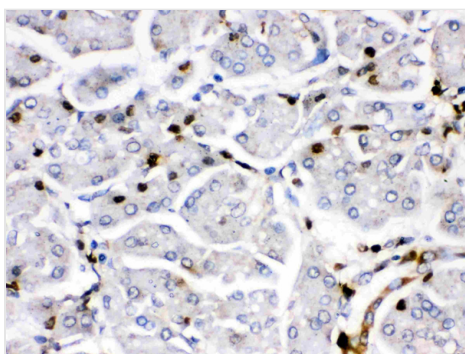
PRODUCT SYNONYMS

Fos B; Polyclonal Antibody; Anti-Fos B Antibody; Protein fosB; DKFZp686C0818; FBJ murine osteosarcoma viral oncogene homolog B; fosB; FOSB_HUMAN; G0/G1 switch regulatory protein 3; G0S3; GOS 3; GOS B; GOS3; GOSB; MGC42291; Oncogene FOS B; Oncogene FOSB; Protein fos B; anti-Fos B antibody

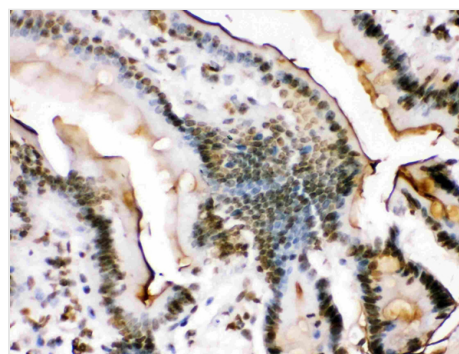
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	302
Applicable Applications for anti-Fos B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Fos B (264-291aa LPFQTSQDAPPNLTASLFTHSEVQLGD), different from the related mouse sequence by two amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

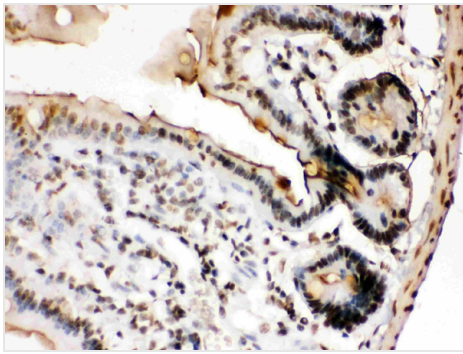
IMAGES



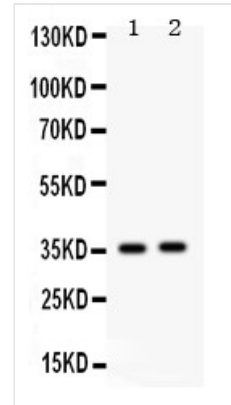
IHC (Immunohistochemistry)
Anti- Fos B antibody, IHC(P)IHC(P): Human Pancreatic Cancer Tissue



IHC (Immunohistochemistry)
Anti- Fos B antibody, IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- Fos B antibody, IHC(P)IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti- Fos B antibody, Western blottingAll lanes: Anti Fos B at 0.5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-Fos B antibody	Description: Rabbit IgG polyclonal antibody for Protein fosB(FOSB) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: FOSB, FBJ murine osteosarcoma viral oncogene homolog B, is a protein that, in humans, is encoded by the FOSB gene. FOSB is a member of Fos gene family which consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. The FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. The FOSB gene is mapped to 19q13.32. Delta FOSB is a truncated splice variant of FOSB. Delta FosB has been implicated in the development of drug addiction and control of the reward system in the brain, and is linked to changes in a number of other gene products such as CREB and sirtuins. Delta FosB also regulates the commitment of mesenchymal precursor cells to the adipocyte or osteoblast lineage.
References	1. Kelz, M. B., Chen, J., Carlezon, W. A., Jr., Whisler, K., Gilden, L., Beckmann, A. M., Steffen, C., Zhang, Y.-J., Marotti, L., Self, D. W., Tkatch, T., Baranauskas, G., Surmeier, D. J., Neve, R. L., Duman, R. S., Picciotto, M. R., Nestler, E. J.Expression of the transcription factor delta-FosB in the brain controls sensitivity to cocaine.Nature 401: 272-276, 1999. 2. Martin-Gallardo, A., McCombie, W. R., Gocayne, J. D., FitzGerald, M. G., Wallace, S., Lee, B. M. B., Lamerdin, J., Trapp, S., Kelley, J. M., Liu, L.-I., Dubnick, M., Johnston-Dow, L. A., Kerlavage, A. R., de Jong, P., Carrano, A., Fields, C., Venter, J. C.Automated DNA sequencing and analysis of 106 kilobases from human chromosome 19q13.3.Nature Genet. 1: 34-39, 1992. 3. Nakabeppu, Y., Nathans, D.A naturally occurring truncated form of FosB that inhibits Fos/Jun transcriptional activity.Cell 64: 751-759, 1991.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166999783
NCBI GeneID	2354
NCBI Accession #	NP_001107643.1
NCBI GenBank Nucleotide #	NM_001114171.1
UniProt Accession #	P53539; A8K9K5; A8VJE1; A8VJE6; A8VJF0; A8VJF3; A8VJF7; A8VJG1; A8VJG5; A8VJG9; E7EPR6; E9PHJ3
Molecular Weight	30,978 Da
NCBI Official Full Name	protein fosB isoform 2
NCBI Official Synonym Full Names	FosB proto-oncogene, AP-1 transcription factor subunit
NCBI Official Symbol	FOSB
NCBI Official Synonym Symbols	AP-1; G0S3; GOS3; GOSB
NCBI Protein Information	protein fosB
UniProt Protein Name	Protein fosB

UniProt Gene Name	FOSB
UniProt Synonym Gene Names	G0S3
UniProt Entry Name	FOSB_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://www.aaabiotech.com/polyclonal/fos-b-antibody-immunohistochemistry-western-blot-elisa/46494>