PAB693Po01
Polyclonal Antibody to Fatty Acid Binding Protein 4, Adipocyte (FABP4)
Organism Species: Sus scrofa; Porcine (Pig)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: FABP4, Porcine
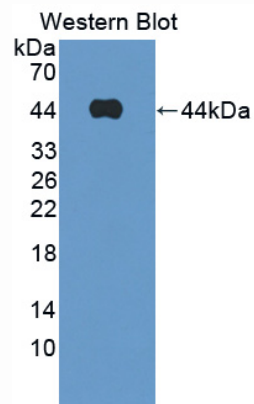
Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

Western Blot

kDa — 70, 44 ←44kDa, 33, 26, 22, 18, 14, 10

Sample: Recombinant FABP4, Porcine

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant FABP4 (Cys2~Ala132) expressed in *E.coli*.

Accession No.: rP91693Po01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR
GSTAIGMKET AAAKFERQHM DSPDLGTLEV LFQGPLGS-CDAFVGTWK LVSSENFDDY
MKEVGVGFAT RKVAGMAKPN LIITVNGDMI TIRSESTFKN TEIAFKLGQE FDEVTADDRK
VKSTITLDGG ALVQVQKWDG KTTTINRKIV DDKLVVECIM KGVTATRIYE RA

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against FABP4. It has been selected for its ability to recognize FABP4 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400
Immunocytochemistry in formalin fixed cells: 1:50-500
Immunohistochemistry in formalin fixed frozen section: 1:50-500
Immunohistochemistry in paraffin section: 1:10-100
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN$_3$, 50% glycerol.

[STORAGE]

Store at 4ºC for frequent use. Stored at -20ºC to -80ºC in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.