

PAB967Bo01

Polyclonal Antibody to Apolipoprotein A4 (APOA4)

Organism Species: Bos taurus; Bovine (Cattle)

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: APOA4, Bovine

Clonality: Polyclonal

Host: Rabbit

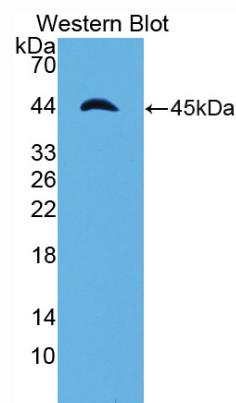
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant APOA4, Bovine

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant APOA4 (Glu21~Gly380) expressed in *E.coli*.

Accession No.: RPB967Bo01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGSEF-EVNADQVATV IWDYFSQLGN
NAKKAВЕHIQ KSELTQQLNT LFQDKLGEVS TYTDDLQKKL VPFATELHER LTKDSEKLKE
EIRKELEDLR ARLLPHATEV SQKIGDNVRE LQQR LGPYAE ELRTQVDTQA QQLRRQLTPY
VERMEKVMRQ NLDQLQASLA PYAEELQATV NQRVEELKGR LTPYADQLQT KIEENVEELR
RSLAPYAQDV QGKLNHQLEG LAFQMKKHAE ELKAKISAKA EELRQGLVPL VNSVHGSQLG
NAEDLQKSLA ELSSRLDQQV EDFRRTVGYPY GETFNKAMVQ QLDTLRQKLG PLAGDVEDHL
SFLEKDLRDK VSSFFNTLKE KESQAPALPA QEEMPVPLGG

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against APOA4. It has been selected for its ability to recognize APOA4 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

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.

[QUALITY CONTROL]

Content: The quality control contains recombinant APOA4 (Glu21~Gly380) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

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