

PAA867Hu01

Polyclonal Antibody to Phospholipase A2, Lipoprotein Associated (LpPLA2)**Organism Species: Homo sapiens (Human)*****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:** LpPLA2, Human**Clonality:** Polyclonal**Host:** Rabbit**Immunoglobulin Type:** IgG**Purification:** Affinity Chromatography.**Applications:** WB, ICC, IHC-P, IHC-F, ELISA**Concentration:** 200µg/mL**UOM:** 100µg**[IMMUNOGEN INFORMATION]****Immunogen:** Recombinant LpPLA2 (Phe22~Asn441) expressed in *E.coli*.**Accession No.:** RPA867Hu01**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSHSGSEFELRRQ-FDWQYINPV AHMKSSAWVN KIQVLMMAAAS FGQTKIPRGN
GPYSVGCTDL MFDHTNKGTF LRLYYPSQDN DRLDTLWIPN KEYFWGLSKF LGTHWLMGNI
LRLFLGSMITT PANWNSPLRP GEKYPLVVFS HGLGAFRTLY SAIGIDLASH GFIVA AVEHR
DRSASATYYF KDQSAAEIGD KSWLYLRTLK QEEETHIRNE QVRQRAKECS QALSLILDID
HGKPVKNALD LKFDMEQLKD SIDREKIAVI GHSFGGATVI QTLSEDQRFR CGIALDAWMF
PLGDEVYSRI PQPLFFINSE YFQYPANIIK MKKCYSPDKE RKMITIRGSV HQNFADFTFA
TGKIIIGHMLK LKGDIDSVA IDLSNKASLA FLQKHLGLHK DFDQWDCLIE GDDENLIPGT
NINTTNQHIM LQNSSGIEKY N

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against LpPLA2. It has been selected for its ability to recognize LpPLA2 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

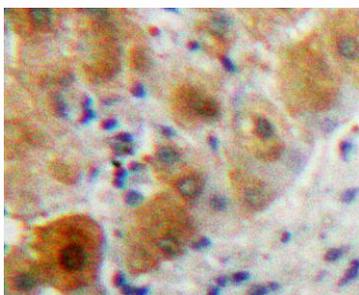
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

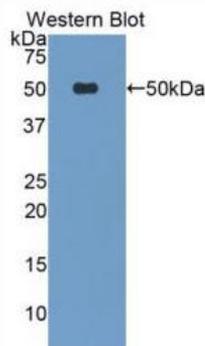
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin-embedded liver tissue



Used in Western Blot, Sample:
Recombinant LpPLA2, Human

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant LpPLA2 (Phe22~Asn441) 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%, NaN₃ 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.