

PAA153Hu02

Polyclonal Antibody to Alpha-Fetoprotein (aFP)

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: aFP, Human

Clonality: Polyclonal

Host: Rabbit

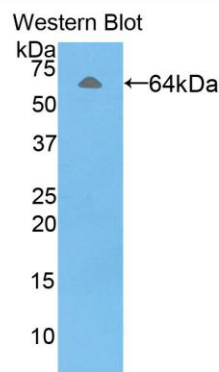
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant aFP, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant aFP (Ile31~Ser576) expressed in *E.coli*.

Accession No.: RPA153Hu02

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHHSG SEF-ILDSYQCTAE ISLADLATIF FAQFVQEATY KEVSKMVKDA
LTAIEKPTGD EQSSGCLNQ LPAFLEELCH EKEILEKYGH SDCCSQSEEG RHNCFLAHKK
PTPASIPLFQ VPEPVTSCFA YEEDRETFMN KFIYEIARRH PFLYAPTILL WAARYDKIIP
SCCKAENAVE CFQTKAATVT KELRESSLLN QHACAVMKNF GTRTFQAITV TKLSQKFTKV
NFTEIQKLVL DVAHVHEHCC RGDVLDCLQD GEKIMSYICS QQDTLSNKIT ECCKLTTLER
GQCIIHAEND EKPEGLSPNL NRFLGDRDFN QFSSGEKNIF LASFVHEYSR RHPQLAVSVI
LRVAKGYQEL LEKCFQTENP LECQDKGEEE LQKYIQESQA LAKRSCGLFQ KLGEYYLQNA

FLVAYTKKAP QLTSSSELMAI TRKMAATAAT CCQLSEDKLL ACGEGAADII IGHLCIRHEM
TPVNPVGVC CTSSYANRRP CFSSLVDET YVPPAFSDDK FIFHKDLCQA QGVALQTMKQ
EFLINLVKQK PQITEEQLEA VIADFS

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against aFP. It has been selected for its ability to recognize aFP 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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant aFP (Ile31~Ser576) 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.