

pA92036Hu01
Polyclonal Antibody to Transferrin (TRF)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

[PRODUCT INFORMATION]

Immunogen: TRF, 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 TRF (Val361~Lys683) expressed in *E. coli*.

USCN Accession No.: rP92036Hu01

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




MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-
VKWCALSHHE RLKCDWSVN SVGKIECVSA ETTEDCIAKI MNGEADAMSL DGGFVYIAGK
CGLVPVLAEN YNKSDNCEDT PEAGYFAIAV VKKSASDLTW DNLKGKKSCH TAVGRTAGWN
IPMGLLYNKI NHCRFDEFFS EGCAPGSKKD SSLCKLCMGS GLNLCEPNNK EGYGYTGAF
RCLVEKGDVA FVKHQVTPQN TGGKNPDPWA KNLNEKDYEL LCLDGRPKPV EEYANCHLAR
APNHAVTRK DKEACVHKIL RQQQHLFGSN VTDCSGNFCL FRSETKDLLF RDDTVCLAKL
HDRNTYEKYL GEEYVKAAGN LRK

[ANTIBODY SPECIFICITY]

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

[APPLICATIONS]

Western blotting: 1:100-400

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Immunocytochemistry in formalin fixed cells: 1:100-500

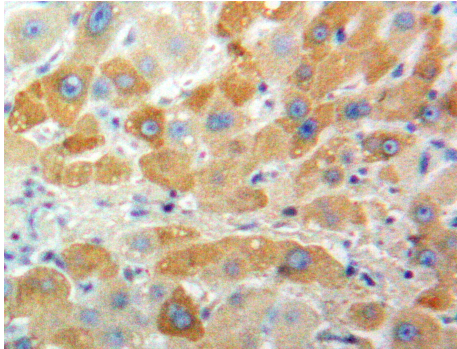
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

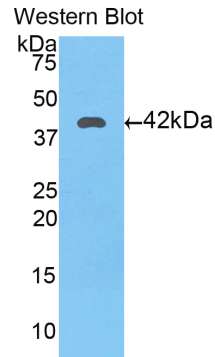
Enzyme-linked Immunosorbent Assay: 1:100-200

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 TRF,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 TRF (Val361~Lys683) 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.

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