

PAB492Hu01

Polyclonal Antibody to Ornithine Carbamoyl Transferase (OCT)

Organism: Homo sapiens (Human)

Instruction manual

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

8th Edition (Revised in Jun, 2013)

[PRODUCT INFORMATION]

Immunogen: OCT, Human

Clonality: Polyclonal

Host: Rabbit

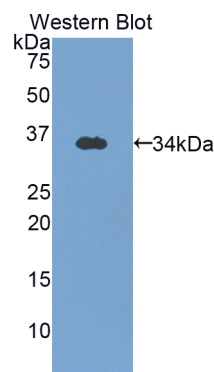
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant OCT, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant OCT (Gln78~Leu342) expressed in *E. coli*.

USCN Accession No.: RPB492Hu01

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

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-QGK SLGMIFEKRS
TRTRLSTETG FALLGGHPCF LTTQDIHLGV NESLTD TARV LSSMADAVLA RYVKQSDLDT
LAKEASII NGLSDLYHPI QILADYLT LQ EHYSSLKGLT LSWIGDGN NI LHSIMMSAAK
FGMHLQAATP KGYEPDASVT KLAEQYAKEN GTKLLLLTNDP LEAAHGGNVL ITDTWISMGQ
EEEKKKRLQA FQGYQVTMKT AKVAASDWTF LHCLPRKPEE VDDEVFYSR SLVFPEAENR
KWTIMAVMVS LL

[**ANTIBODY SPECIFICITY**]

The antibody is a rabbit polyclonal antibody raised against OCT. It has been selected for its ability to recognize OCT 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 OCT (Gln78~Leu342) 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.