PAB673Mu01

Polyclonal Antibody to Insulin Like Growth Factor Binding Protein 7 (IGFBP7)

Organism: Mus musculus (Mouse)

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: IGFBP7, Mouse

Clonality: Polyclonal

Host: Rabbit

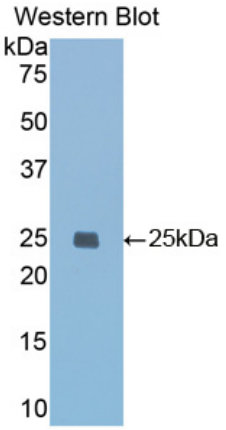
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200μg/mL

UOM: 100μg



Sample: Recombinant IGFBP7, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant IGFBP7 (Lys88~Leu281) expressed in *E.coli*.

USCN Accession No.: RPB673Mu01

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-KSR KRRKGKAGAA AGGPATLAVC VCKSRYPVCG SNGITYPSGC QLRAASLRAE SRGEKAITQV SKGTCEQGPS IVTPPKDIWN VTGAKVFLSC EVIGIPTPVL IWNKVKRDHS GVQRTELLPG DRENLAIQTR GGPEKHEVTG WVLVSPLSKE DAGEYECHAS NSQGQASAAA KITVVDALHE IPLKKGEGAQ L

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against IGFBP7. It has been selected for its ability to recognize IGFBP7 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 IGFBP7 (Lys88~Leu281) disposed in loading buffer.
Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (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.