

PAA620Mu01**Polyclonal Antibody to A Disintegrin And Metalloprotease 8 (ADAM8)****Organism Species: Mus musculus (Mouse)****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:** ADAM8, Mouse**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 ADAM8 (Glu145~Cys493) expressed in *E.coli*.**Accession No.:** RPA620Mu01**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- EEGQHA MYQAKHLQKQ
AGTCGVKDTN LNDLGPRALE IYRAQPRNWL IPRETRYVEL YVVADSQEFQ KLGSREAVRQ
RVLEVVNHDV KLYQELSFVRV VLVGLEIWNK DKFYISRYAN VTLENFLSWR EQNLQGQHPH
DNVQLITGVD FIGSTVGLAK VSALCSRHS AVNQDHSKNS IGVASTMAHE LGHNLGMSHD
EDIPGCYCPE PREGGGCIMT ESIGSKFPRI FSRC SKIDLE SFVTKPQTGC LTNVPDVNRF
VGGPVCGNLF VEHGEQCDCG TPQDCQNPCC NATTCQLVKG AECASGTCCH
ECKVKPAGEV CRLSKDKCDL EEFCDGRKPT CPEDAFQQNG TPC

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against ADAM8. It has been selected for its ability to recognize ADAM8 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

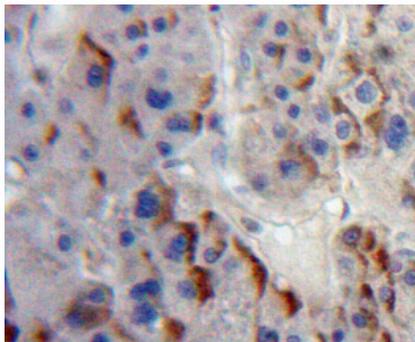
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

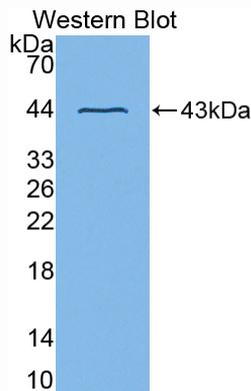
Enzyme-linked Immunosorbent Assay: 1:100-200

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 ADAM8, Mouse

[**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 ADAM8 (Glu145~Cys493) 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.