

**PAD854Mu01**

**Polyclonal Antibody to Alanine Aminotransferase 2 (ALT2)**

**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:** ALT2, Mouse

**Clonality:** Polyclonal

**Host:** Rabbit

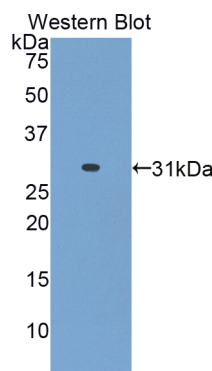
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 200µg/mL

**UOM:** 100µg



*Sample: Recombinant ALT2, Mouse*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant ALT2 (Lys255~Leu507) expressed in *E.coli*.

**USCN Accession No.:** RPD854Mu01

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

MGHHHHHSG SEFELRRQ-KDHCDP KVLCIINPGN PTGQVQSRKC IEDVIHFAWE  
EKLFLLADEV YQDNVYSPDC RFHSFKKVLY QMGHEYSSNV ELASFHSTSK  
GYMGECGYRG GYMEVINLHP EIKGQLVKLL SVRLCPPVSG QAAMDIVVNP PEPGEESFEQ  
FSREKEFVLG NLAKKAKLTE DLFNQVPGIQ CNPLQGAMYA FPRILIPAKA VEAAQSHKMA  
PDMFYCMKLL EETGICVVPV SGFGQREGTY HFRMTILPPV DKLKTVL

## [ **ANTIBODY SPECIFICITY** ]

The antibody is a rabbit polyclonal antibody raised against ALT2. It has been selected for its ability to recognize ALT2 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%  $\text{NaN}_3$ , 50% glycerol.

## [ **QUALITY CONTROL** ]

**Content:** The quality control contains recombinant ALT2 (Lys255~Leu507) 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%,  $\text{NaN}_3$  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.