

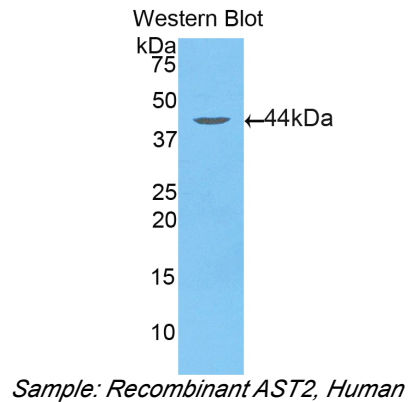
pA93853Hu01
Polyclonal Antibody to Aspartate Aminotransferase 2 (AST2)
Organism: Homo sapiens (Human)
Instruction manual

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

7th Edition (Revised in May, 2013)




[PRODUCT INFORMATION]

Immunogen: AST2, Human
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 5mg/mL
UOM: 4mg



[IMMUNOGEN INFORMATION]

Immunogen: Recombinant AST2 (Ser30~Lys430) expressed in *E.coli*.
USCN Accession No.: rP93853Hu01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
MGHHHHHHSQSEF- S SWWTHVEMGP PDPILGVTEA FKRDTNSKKM NLGVGAYRDD
NGKPYVLPVSV RKAEAQIAAK NLDKEYLPIG GLAEFCKASA ELALGENSEV LKSGRFVTVQ
TISGTGALRI GASFLQRFFK FSRDVFLPKP TWGNHTPIFR DAGMQLQGYR YYDPKTCGFD
FTGAVEDISK IPEQSVLLLLH ACAHNPTGVD PRPEQWKEIA TVVKKRNLF A FFD MAYQGF A
SGDGDKDAWA VRHFIEQGIN VCLCQSYAKN MGLYGERVGA FTMVCKDADE AKRVESQLKI
LIRPMYSNPP LNGARIAAAI LNTPLDRKQW LQEVKVMADR IIGMRTQLVS NLKKEGSTHN
WQHITDQIGM FCFTGLKPEQ VERLIKEFSI YMTKDGRISV AGVTSSNVGY LAHAHQVTK

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[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against AST2. It has been selected for its ability to recognize AST2 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% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant AST2 (Ser30~Lys430) 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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