

PAB449Bo01

Polyclonal Antibody to Enolase, Non Neuronal (NNE)

Organism Species: *Bos taurus*; Bovine (Cattle)

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: NNE, Bovine

Clonality: Polyclonal

Host: Rabbit

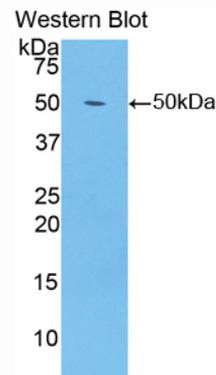
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant NNE, Bovine

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant NNE (Met1~Lys434) expressed in *E. coli*.

USCN Accession No.: RPB449Bo01

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

MGHHHHHSGSEF-MSILKVHARE IFDSRGNPTV EVDLFTAKGL FRAAVPSGAS
TGIYEALRLR DNDKTRYMGK GVSKAVEHIN KTIAPALVSK KLVNVEQEKI DKLMIEMDGT
ENKSKFGANA ILGVSLAVCK AGAVEKGVPL YRHIADLAGN AEVILPVPF NVINGGSHAG
NKLAMQEFMI LPVGAENFRE AMRIGAEVYH NLKNVIKEY GKDATNVGDE GGFAPNILEN
KEALELLKNA IKGAGYSKDV VIGMDVAASE FYRSGKYDLD FKSPDDPSRY ITPDELANLY
KSFIRDYPVV SIEDPFDQDD WEAWQKFTAS AGIQVVGDDL TVTNPKRIAK AVSEKSCNCL
LLKVNQIGSV TESLQACKLA QSNWGWVMS HRSGETEDTF IADLVVGLCT GQIKTVAPCR
SERLAKYNQI LRIIEELGSK AKFAGRSFRN PLAK

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against NNE. It has been selected for its ability to recognize NNE 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 NNE (Met1~Lys434) 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.