

**PAB250Bo01**

**Polyclonal Antibody to 5'-Nucleotidase, Ecto (NT5E)**

**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:** NT5E, Bovine

**Clonality:** Polyclonal

**Host:** Rabbit

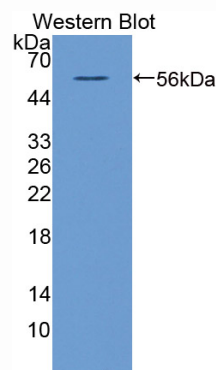
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 200µg/mL

**UOM:** 100µg



*Sample: Recombinant NT5E, Bovine*

## [ **IMMUNOGEN INFORMATION** ]

**Immunogen:** Recombinant NT5E (Ser48~Val527) expressed in *E.coli*.

**Accession No.:** RPB250Bo01

**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 GRGS- SSK CVNASRCVGG  
VARLATKVHQ IRRAPHVLL LDAGDQYQGT IWFTVYKGTE VAHFMNALGY DAMALGNHEF  
DNGVEGLIDP LLKEVNFPII SANIKAKGPL ASKISGLYSP YKILTVGDEV VGIVGYTSKE  
TPFLSNPGTN LVFEDEITAL QPEVDKLT NLVNIILALGH SGFEVDKLI QKVKGVDDVV  
GGHSNTFLYT GNPPSKEVPA GQYPFIVTSD DGRKVPVQA YAFGKYLGYL KVEFDEKGNV  
VTSHGNPILL NSSIPEDPNI KADINKWRVK LDNYSTQELG KTIVYLDGTA QSCRFRFCNM  
GNLICDAMIN NNLRHPDEMS WNHVSMCILN GGGIRSPIDE RNNGTITWEN LAAVLPFGGT  
FDLVQLKGST LKKAFAHSVH RYQATGEFL QVGGIHVVYD ISRNPGRV V KLEVLCTQCR  
VPSYEPLRMD KVKVILPSF LVSGDGFQM IKDEKIHDS GDQDINV

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against NT5E. It has been selected for its ability to recognize NT5E 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 NT5E (Ser48~Val527) 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.