

**PAB250Hu01**

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

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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9th Edition (Revised in Jul, 2013)

## **[ PRODUCT INFORMATION ]**

**Immunogen:** NT5E, Human

**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 NT5E (Leu29~Thr500) expressed in *E.coli*.

**Accession No.:** RPB250Hu01

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

MGHHHHHSGSEF-LT ILHTNDVHSR LEQTSSESSK CVNASRCMGG VARLFTKVQQ  
IRRAEPNVL LDAGDQYQGT IWFTVYKGAE VAHFMNALRY DAMALGNHEF DNGVEGLIEP  
LLKEAKFPIL SANIKAKGPL ASQISGLYLP YKVLPVGDEV VGIVGYTSKE TPFLSNPGTN  
LVFEDEITAL QPEVDKCLKL NVNKIIALGH SGFEMDKLIA QKVRGVDVVV GGHSNTFLYT  
GNPPSKEVPA GKYPFIVTSD DGRKVPVQA YAFGKYLGYL KIEFDERGNV ISSHGNPILL  
NSSIPEDPSI KADINKWRIK LDNYSTQELG KTIVYLDGSS QSCRFFRECNM GNLICDAMIN  
NNLRHTDEMF WNHVSMCILN GGGIRSPIDE RNNGIHVVDY LSRKPGDRVV KLDVLCTKCR  
VPSYDPLKMD EVYKVILPNF LANGGDGFQM IKDELLRHDS GDQDINVVST YISKMKVIYP  
AVEGRIKFST

## **[ 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

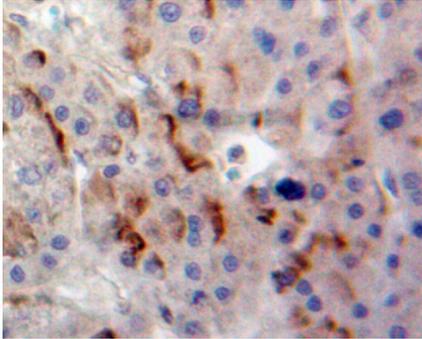
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

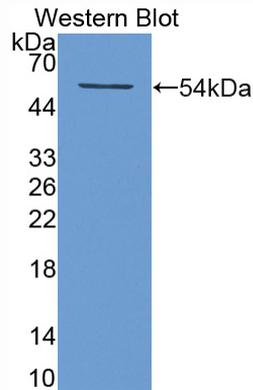
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ IMAGES ]



Used in DAB staining on formalin fixed  
paraffin- embedded Liver tissue



Used in Western Blot, Sample:  
Recombinant NT5E, Human

## [ CONTENTS ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## [ QUALITY CONTROL ]

**Content:** The quality control contains recombinant NT5E (Leu29~Thr500) 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<sub>3</sub> 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.