

Datasheet for ABIN7142671
anti-CD73 antibody (AA 32-264)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CD73 (NT5E)
Binding Specificity:	AA 32-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human 5'-nucleotidase protein (32-264AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CD73 (NT5E)
Alternative Name:	NT5E (NT5E Products)
Background:	Background: Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities.

Target Details

Aliases: 5' NT antibody, 5' nucleotidase (CD73) antibody, 5' nucleotidase precursor antibody, 5' nucleotidase, ecto antibody, 5' nucleotidase, ecto (CD73) antibody, 5'-NT antibody, 5'-nucleotidase antibody, 5NTD_HUMAN antibody, CD73 antibody, CD73 antigen antibody, E5NT antibody, Ecto 5' nucleotidase antibody, Ecto-5'-nucleotidase antibody, eN antibody, eNT antibody, NT antibody, NT5 antibody, NT5E antibody, NTE antibody, Purine 5 Prime Nucleotidase antibody

UniProt: [P21589](#)

Pathways: [Synaptic Membrane](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

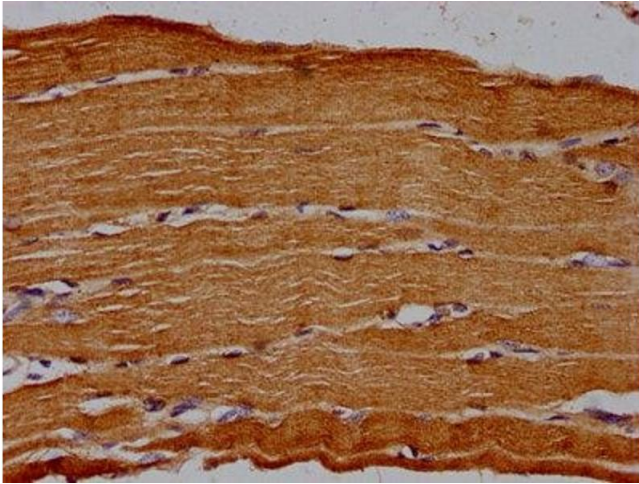
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

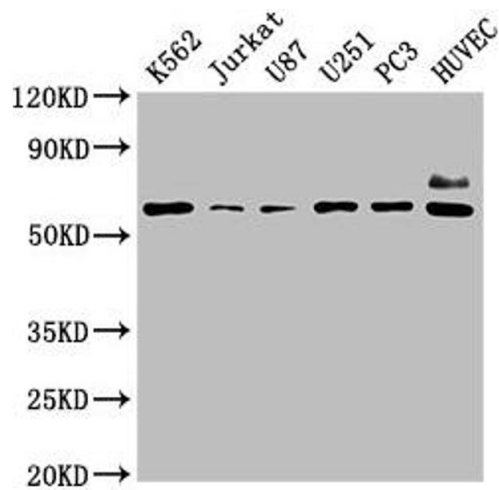
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7142671 diluted at 1:30 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Jurkat whole cell lysate, U87 whole cell lysate, U251 whole cell lysate, PC3 whole cell lysate, HUVEC whole cell lysate All lanes: NT5E antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 64, 58 kDa Observed band size: 64 kDa