

Datasheet for ABIN7149730
anti-DNASE2 antibody (AA 19-152)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | DNASE2 |
| Binding Specificity: | AA 19-152 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DNASE2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Deoxyribonuclease-2-alpha protein (19-152AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | DNASE2 |
| Alternative Name: | DNASE2 (DNASE2 Products) |
| Background: | Background: Hydrolyzes DNA under acidic conditions with a preference for double-stranded DNA. Plays a major role in the degradation of nuclear DNA in cellular apoptosis during |

Target Details

development. Necessary for proper fetal development and for definitive erythropoiesis in fetal liver, where it degrades nuclear DNA expelled from erythroid precursor cells.

Aliases: Acid DNase antibody, Deoxyribonuclease 2 alpha antibody, Deoxyribonuclease 2 antibody, Deoxyribonuclease II alpha antibody, Deoxyribonuclease II antibody, Deoxyribonuclease II lysosomal antibody, Deoxyribonuclease-2-alpha antibody, Deoxyribonuclease2 antibody, Deoxyribonucleasell antibody, DNASE 2 antibody, DNASE 2A antibody, DNase II alpha antibody, DNase II lysosomal antibody, DNASE2 antibody, DNASE2A antibody, DNasell antibody, DNL 2 antibody, DNL antibody, DNL2 antibody, DNS2A_HUMAN antibody, Lysosomal DNase II antibody, R31240 2 antibody, R31240_2 antibody

UniProt: [O00115](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

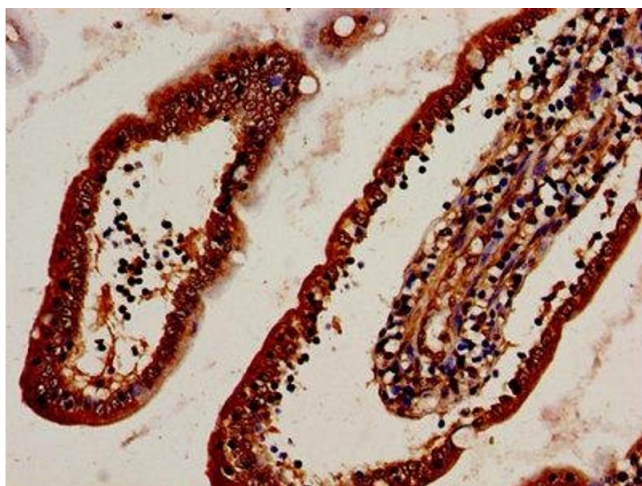
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

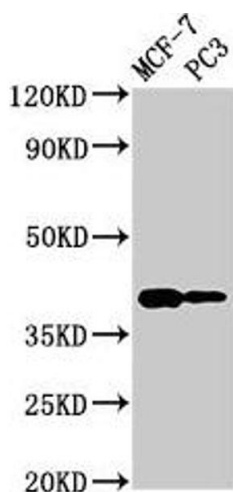
Storage: -20 °C, -80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7149730 diluted at 1:400 and staining in paraffin-embedded human small intestine 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: MCF-7 whole cell lysate, PC-3 whole cell lysate All lanes: DNASE2 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40, 34 kDa Observed band size: 40 kDa