



Datasheet for ABIN7144341

anti-Antizyme Inhibitor 1 antibody (AA 101-400)



[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | Antizyme Inhibitor 1 (AZIN1) |
| Binding Specificity: | AA 101-400 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Antizyme Inhibitor 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Antizyme inhibitor 1 protein (101-400AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | Antizyme Inhibitor 1 (AZIN1) |
| Alternative Name: | AZIN1 (AZIN1 Products) |
| Background: | Background: Antizyme inhibitor protein that positively regulates ornithine decarboxylase (ODC) activity and polyamine uptake by counteracting the negative effect of antizyme OAZ1, OAZ2 |

Target Details

and OAZ3 on ODC1 activity (PubMed:17900240). Inhibits antizyme-dependent ODC degradation by binding to antizymes. Releases ODC1 from its inactive complex with antizymes, leading to formation of the catalytically active ODC1.

Aliases: Antizyme inhibitor 1 antibody, AZI antibody, Azin1 antibody, AZIN1_HUMAN antibody, OAZI antibody, OAZIN antibody, ODC1L antibody, Ornithine decarboxylase antizyme inhibitor antibody

UniProt: [O14977](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

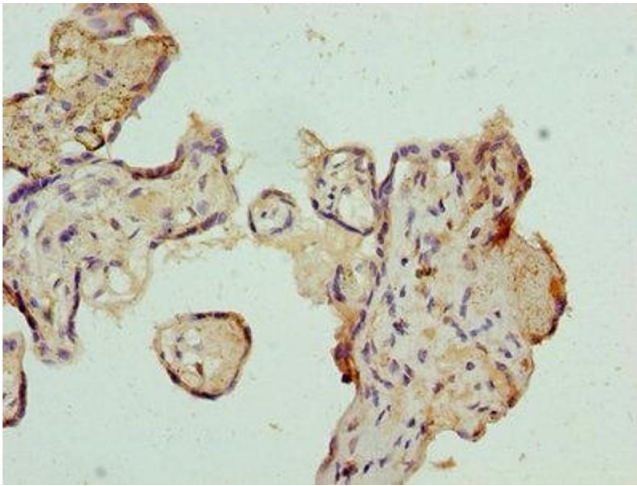
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

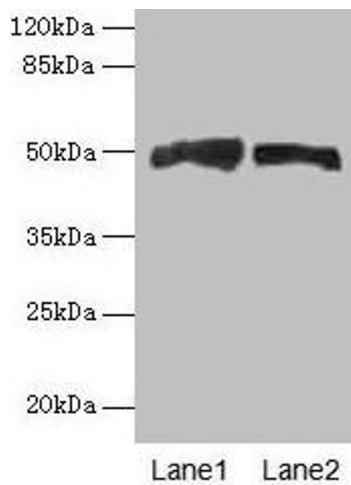
Storage: -20 °C,-80 °C

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



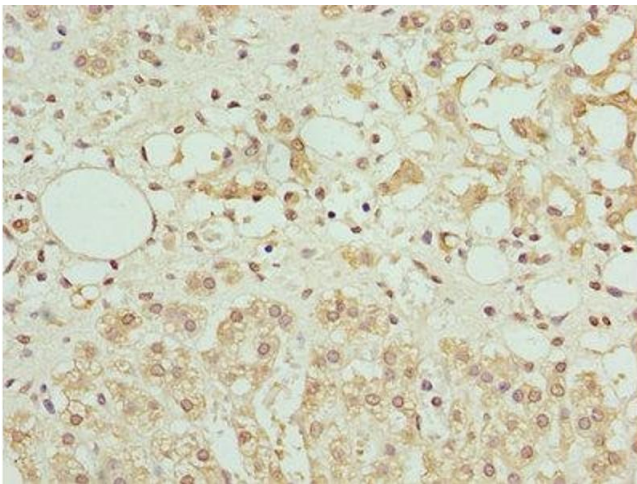
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7144341 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: AZIN1 antibody at 4 μ g/mL
Lane 1: Mouse liver tissue Lane 2: PC-3 whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 50 kDa Observed band size: 50 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7144341 at dilution of 1:100