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Datasheet for ABIN7161136
anti-UBA3 antibody (Catalytic Subunit)

1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | UBA3 |
| Binding Specificity: | AA 234-463, Catalytic Subunit |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UBA3 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human NEDD8-activating enzyme E1 catalytic subunit protein (234-463AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

Target Details

| | |
|-------------------|---|
| Target: | UBA3 |
| Alternative Name: | UBA3 (UBA3 Products) |
| Background: | Background: Catalytic subunit of the dimeric UBA3-NAE1 E1 enzyme. E1 activates NEDD8 by first adenylating its C-terminal glycine residue with ATP, thereafter linking this residue to the |

Target Details

side chain of the catalytic cysteine, yielding a NEDD8-UBA3 thioester and free AMP. E1 finally transfers NEDD8 to the catalytic cysteine of UBE2M. Down-regulates steroid receptor activity. Necessary for cell cycle progression.

Aliases: DKFZp566J164 antibody, EC 6.3.2. antibody, hUba3 antibody, MGC22384 antibody, NEDD8 activating enzyme E1 catalytic subunit antibody, NEDD8 activating enzyme E1C antibody, Nedd8 activating enzyme hUba3 antibody, NEDD8-activating enzyme E1 catalytic subunit antibody, NEDD8-activating enzyme E1C antibody, uba3 antibody, UBA3 ubiquitin activating enzyme E1 homolog antibody, UBA3_HUMAN antibody, UBE1C antibody, Ubiquitin activating enzyme 3 antibody, Ubiquitin activating enzyme E1C antibody, Ubiquitin-activating enzyme 3 antibody, Ubiquitin-activating enzyme E1C antibody, Ubiquitin-like modifier-activating enzyme 3 antibody

UniProt: [Q8TBC4](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

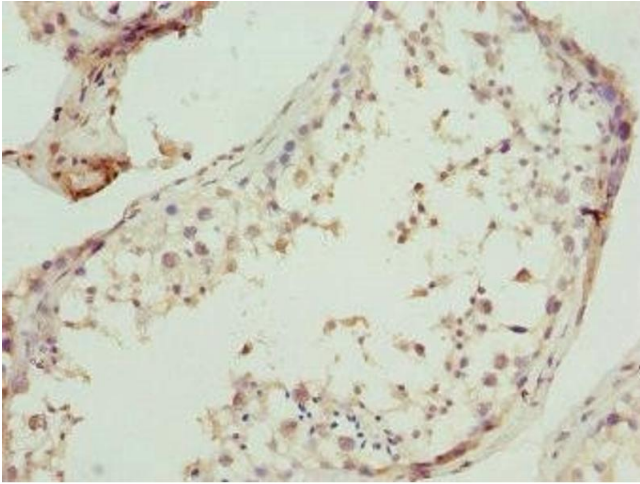
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: 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 testis tissue using ABIN7161136 at dilution of 1:100