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Datasheet for ABIN7120569
anti-UBL4A antibody

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | UBL4A |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UBL4A antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|---------------|---------------------------------|
| Immunogen: | ubiquitin-like 4A |
| Isotype: | IgG |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95 % as determined by SDS-PAGE |

Target Details

| | |
|-------------------|--|
| Target: | UBL4A |
| Alternative Name: | UBL4A (UBL4A Products) |
| Background: | Synonyms:DX254E, DXS254E, G6PD, GDX, ubiquitin like 4A, Ubiquitin like protein 4A, Ubiquitin like protein GDX, UBL4, UBL4A Background:Component of the BAT3 complex, a multiprotein complex involved in the post-translational delivery of tail-anchored(TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II |

Target Details

transmembrane proteins, contain a single C-terminal transmembrane region. The complex acts by facilitating TA proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins, and transfers them to ASNA1/TRC40 for targeting.

Molecular Weight: 18 kDa

Gene ID: 8266

UniProt: [P11441](#)

Pathways: [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: WB: 1:200-1:1000, IHC: 1:20-1:200, IP: 1:200-1:2000, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months