

Datasheet for ABIN7467738 **anti-UBA1 antibody**



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Overview

Quantity:	100 µL
Target:	UBA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human UBE1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	UBA1
Alternative Name:	ubiquitin like modifier activating enzyme 1 (UBA1 Products)
Background:	Ubiquitin like modifier activating enzyme 1 , A1S9 , A1S9T , A1ST , AMCX1 , CFAP124 , GXP1 , POC20 , SMAX2 , UBA1A , UBE1 , UBE1X, The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements

Target Details

an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq]

Molecular Weight: 118 kDa

Gene ID: 7317

UniProt: [P22314](#)

Application Details

Application Notes: WB: 1:5000-1:20000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.68 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.