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Datasheet for ABIN7174460
anti-UBE2K antibody (AA 2-200)

2 Images

Overview

Quantity:	100 µg
Target:	UBE2K
Binding Specificity:	AA 2-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2K antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ubiquitin-conjugating enzyme E2 K protein (2-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UBE2K
Alternative Name:	UBE2K (UBE2K Products)
Background:	Background: Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, in the presence or in the absence of BRCA1-BARD1 E3 ubiquitin-protein

Target Details

ligase complex, catalyzes the synthesis of Lys-48-linked polyubiquitin chains. Does not transfer ubiquitin directly to but elongates monoubiquitinated substrate protein. Mediates the selective degradation of short-lived and abnormal proteins, such as the endoplasmic reticulum-associated degradation (ERAD) of misfolded luminal proteins. Ubiquitinates huntingtin. May mediate foam cell formation by the suppression of apoptosis of lipid-bearing macrophages through ubiquitination and subsequent degradation of p53/TP53. Proposed to be involved in ubiquitination and proteolytic processing of NF-kappa-B, in vitro supports ubiquitination of NFKB1. In case of infection by cytomegaloviruses may be involved in the US11-dependent degradation of MHC class I heavy chains following their export from the ER to the cytosol. In case of viral infections may be involved in the HPV E7 protein-dependent degradation of RB1. Aliases: E2 25K antibody, E2(25K) antibody, HIP-2 antibody, Huntingtin interacting protein 2 antibody, Huntingtin-interacting protein 2 antibody, HYPG antibody, LIG antibody, UBC1 antibody, UBE2K antibody, UBE2K_HUMAN antibody, Ubiquitin carrier protein antibody, Ubiquitin conjugating enzyme E2 25 kDa antibody, ubiquitin conjugating enzyme E2K antibody, ubiquitin conjugating enzyme E2K (UBC1 homolog, yeast) antibody, Ubiquitin protein ligase antibody, Ubiquitin-conjugating enzyme E2 K antibody, Ubiquitin-conjugating enzyme E2(25K) antibody, Ubiquitin-conjugating enzyme E2-25 kDa antibody, Ubiquitin-conjugating enzyme E2-25K antibody, Ubiquitin-protein ligase antibody

UniProt: [P61086](#)

Application Details

Application Notes: Recommended dilution: IHC:1:10-1:100, IF:1:50-1:200,

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

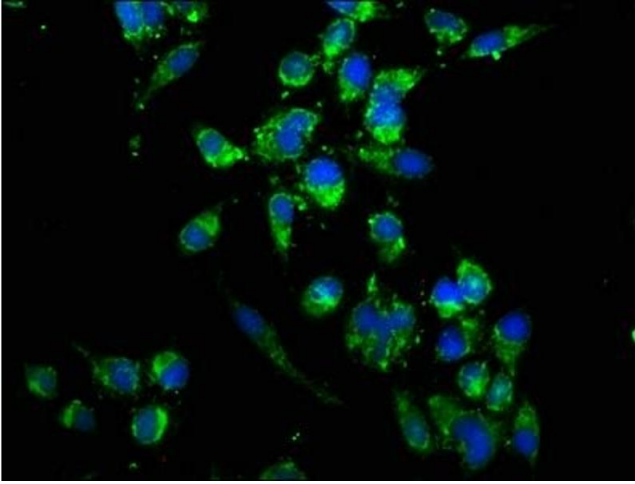
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

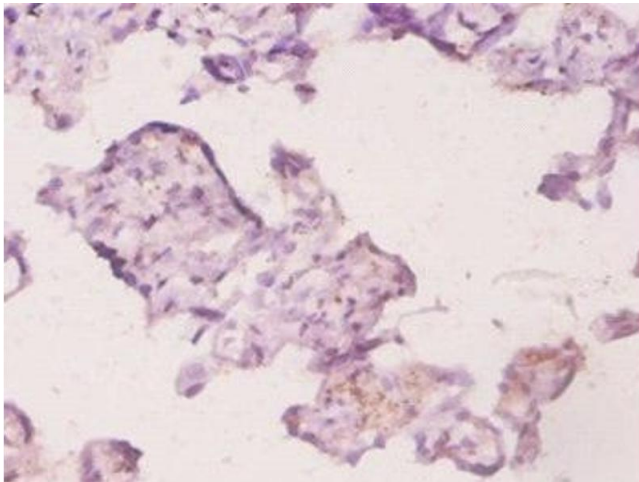
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7174460 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7174460 at dilution of 1:20