

Anti-Human/Mouse/Rat UBE2D2 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA06085**

3th Edition

Description: Regulated degradation of misfolded, damaged or short-lived proteins in eukaryotes occurs via the ubiquitin (Ub)-proteasome system (UPS). An integral part of the UPS system is the ubiquitination of target proteins and covalent linkage of Ub-containing proteins to form polymeric chains, marking them as targets for 26S proteasome-mediated degradation. Ubiquitination of proteins is mediated by a cascade of enzymes which includes E1 (ubiquitin activating), E2 (ubiquitin conjugating), and E3 (ubiquitin ligases) enzymes. This gene encodes a member of the E2 enzyme family. Substrates of this enzyme include the tumor suppressor protein p53 and peroxisomal biogenesis factor 5 (PEX5). Alternative splicing results in multiple transcript variants of this gene. UBE2D2 (Ubiquitin Conjugating Enzyme E2 D2) is a Protein Coding gene. Diseases associated with UBE2D2 include Smallpox and Retinitis Pigmentosa 42. Among its related pathways are CLEC7A (Dectin-1) signaling and CDK-mediated phosphorylation and removal of Cdc6. GO annotations related to this gene include ligase activity and acid-amino acid ligase activity. An important paralog of this gene is UBE2D3.

Antigen: Synthesized peptide derived from the C-terminal region of human UBE2D2

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: