

**Anti-Human/Mouse/Rat UBE2A/B Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA06243**

3th Edition

**Description:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with mental retardation. Alternative splicing results in multiple transcript variants. UBE2A (Ubiquitin Conjugating Enzyme E2 A) is a Protein Coding gene. Diseases associated with UBE2A include Mental Retardation, X-Linked Syndromic, Nascimento-Type. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. An important paralog of this gene is UBE2B. UBE2B (Ubiquitin Conjugating Enzyme E2 B) is a Protein Coding gene. Diseases associated with UBE2B include Aggressive Systemic Mastocytosis. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. GO annotations related to this gene include ligase activity and ubiquitin protein ligase binding. An important paralog of this gene is UBE2A.

**Antigen:** Synthesized peptide derived from the C-terminal region of human UBE2A/B.

**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:**