

**Anti-Human OTUD2 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05460**

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3th Edition

**Description:**Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. The protein encoded by this gene belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain. Alternative splicing results in multiple transcript variants. YOD1 (YOD1 Deubiquitinase) is a Protein Coding gene. Diseases associated with YOD1 include Brown-Sequard Syndrome. Among its related pathways are Deubiquitination and Protein processing in endoplasmic reticulum. GO annotations related to this gene include thiol-dependent ubiquitin-specific protease activity and Lys48-specific deubiquitinase activity.

**Antigen:**Synthesized peptide derived from the Internal region of human OTUD2

**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:**