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# UBA1 Polyclonal Antibody

**Cat #:** G-AB-03505

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements 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.

**Gene ID:**

**Accession #:** NP_003325

**Immunogen:** Synthetic peptide of human UBA1

**Conjugation:** Unconjugated

**Swissprot:** P22314

**Calculated Molecular Weight:** 89 kDa

**Observed Molecular Weight:**

**Concentration:** 0.8 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** IHC,ELISA

**Dilution:** IHC 1:30-150, ELISA 1:1000-2000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.