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# CAPN5 Polyclonal Antibody

**Cat #:** G-AB-06103

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

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

**Overview:**
Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to Caenorhabditis elegans sex determination gene tra-3, CAPN5 is also called as HTRA3.

**Gene ID:**

**Accession #:** BC018123

**Immunogen:** Fusion protein of human CAPN5

**Conjugation:** Unconjugated

**Swissprot:** O15484

**Calculated Molecular Weight:** 73 kDa

**Observed Molecular Weight:** Refer to figures

**Concentration:** 0.72 mg/mL

**Buffer:** PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

**Purification Method:** Antigen affinity purification

**Application:** WB,ELISA

**Dilution:** WB 1:500-1:2000, ELISA 1:5000-1:10000

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