

**Anti-Human CAPN11 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA02403**

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3th Edition

**Description:** Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis. CAPN11 (Calpain 11) is a Protein Coding gene. Among its related pathways are Degradation of the extracellular matrix and Arrhythmogenic right ventricular cardiomyopathy (ARVC). GO annotations related to this gene include calcium ion binding and calcium-dependent cysteine-type endopeptidase activity. An important paralog of this gene is CAPN1.

**Antigen:** Synthesized peptide derived from the Internal region of human Calpain 11

**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:** Highest expression in testis.