

## CAB8710

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### Product Information

<b>Product SKU:</b>	CAB8710	<b>Gene ID:</b>	823	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1272	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	75kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	82kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. Several transcript variants encoding two different isoforms have been found for this gene.

**Recommended Dilution:** WB,1:500 -1:1000 IF/ICC,1:50 -1:200

**Synonyms:** CANP; muCL; CANP1; SPG76; CANPL1; muCANP; Calpain 1

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Calpain 1 (P07384).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.