

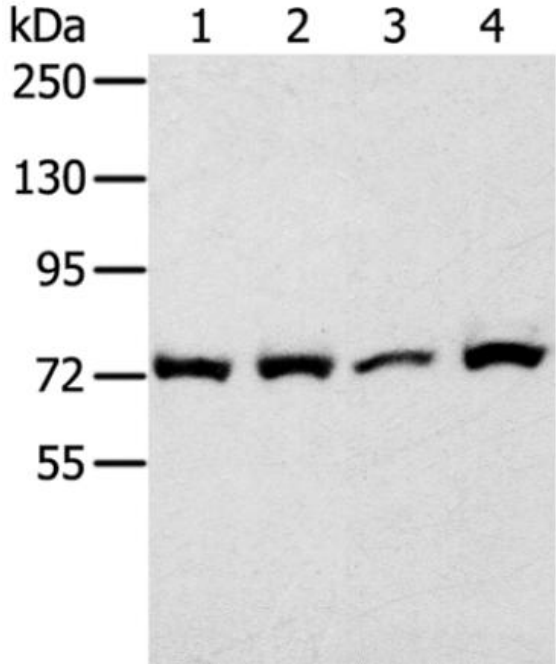
# CAPN1 Polyclonal Antibody

Cat# A340752– 20/50/100 ug

Storage at -20 °C

## INFORMATION

<b>Product Name</b>	CAPN1 Polyclonal Antibody
<b>Cat. No.</b>	A340752
<b>Product type</b>	Primary antibodies
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	polyclonal
<b>Host</b>	Rabbit
<b>Size</b>	20 ug/50 ug/100 ug
<b>Uniprot</b>	Human: P07384
<b>Immunogen</b>	Recombinant protein of human CAPN1
<b>Concentration</b>	0.3 mg/ml
<b>Tested applications</b>	WB, ELISA
<b>Application</b>	WB : 1:200-1:1000
<b>Conjugation</b>	None
<b>Purification</b>	Affinity purified
<b>Molecular Weight</b>	82 kDa
<b>Stock buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
<b>Storage instruction</b>	Store at -20°C or -80°C for 1 year. Avoid repeated freeze/thaw cycles.
<b>Alias</b>	Ca2 activated neutral protease, Calcium activated neutral proteinase, Calcium activated neutral proteinase small subunit, Calcium dependent protease small subunit 1, Calcium dependent protease small subunit, Calcium-activated neutral proteinase 1, Calpain 1, Calpain 1 large subunit, Calpain 1, (mu/l) large subunit, Calpain mu type, Calpain mu-type, Calpain regulatory subunit, Calpain small subunit 1, Calpain, large polypeptide L1, Calpain-1 catalytic subunit, Calpain-1 large subunit, CAN1, CANP 1, CANP, CANP small subunit, CANP1, CANPL 1, CANPL1, CAPN 1, CAPN1, Cell proliferation inducing protein 30, Cell proliferation-inducing gene 30 protein, Micromolar Calpain, Micromolar-calpain, Mu Calpain, muCANP, muCL
<b>Subcellular location</b>	Cytoplasm. Cell membrane. Translocates to the plasma membrane upon Ca(2+) binding.
<b>Expression</b>	Ubiquitous.
<b>Background</b>	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific

	<p>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.</p>
<p>Image</p>	 <p>Western Blot analysis of 293T cell using CAPN1 Polyclonal Antibody at dilution of 1:450</p>

### **PRODUCT USE LIMITATION**

These products are intended for research use only.