

# Product datasheet for AP32722PU-N

### Calpain 1 (CAPN1) Goat Polyclonal Antibody

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Primary Antibodies	
Applications:	WB	
Recommended Dilution:	<b>Peptide ELISA:</b> 1/32000 (Detection Limit). <b>Western blot:</b> 0.3-1 μg/ml. Approx 80kDa band observed in Human Kidney, Placenta and Spleen lysates (calculated MW of 81.9kDa according to NP_005177.2).	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_005177.2.	
Specificity:	This antibody recognizes Human Calpain-1. Other species not tested.	
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide	
Concentration:	lot specific	
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide	
Conjugation:	Unconjugated	
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.	
Stability:	Shelf life: one year from despatch.	
Gene Name:	calpain 1	
Database Link:	<u>Entrez Gene 823 Human</u> <u>P07384</u>	
Synonyms:	Calpain mu-type, muCANP, CAPN1, CANPL1, PIG30, CANP1	



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## Product images:

250kDa 150kDa 100kDa	
75kDa	
50kDa	
37kDa	Calpain-1 Antibody staining of Human Spleen lysate at 0.3ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
25kDa	
20kDa	
15kDa	

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