



## Anti-CAPN1 polyclonal antibody (DPAB-DC1473)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	calcium-dependent protease that may be involved in experimental allergic encephalomyelitis (EAE) [RGD, Feb 2006]
<b>Specificity</b>	The anti-calpain I antibody recognizes the large subunit (80 KDa) of human Calpain I. It does not recognize the smaller subunit of human Calpain I.
<b>Immunogen</b>	A synthetic peptide corresponding to residues surrounding amino acids 700 of rat Capn1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bovine, Human, Mouse, Pig, Rabbit, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Capn1 calpain 1, (mu/l) large subunit [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	CAPN1
<b>Synonyms</b>	CAPN1; calpain 1, (mu/l) large subunit; calpain-1 catalytic subunit; CANP 1; muCANP; calpain mu-type; micromolar-calpain; calpain-1 large subunit; calcium-activated neutral proteinase 1;
<b>Entrez Gene ID</b>	<a href="#">29153</a>
<b>Protein Refseq</b>	<a href="#">NP_062025</a>
<b>UniProt ID</b>	<a href="#">P97571</a>
<b>Chromosome Location</b>	1q43
<b>Pathway</b>	Alzheimers disease; Integrin-mediated cell adhesion;
<b>Function</b>	calcium ion binding; calcium-dependent cysteine-type endopeptidase activity; cytoskeletal protein binding; protein binding

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