

## Calpain 2(Phospho Ser50) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06807
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human Calpain 2 (Phospho Ser50)
<b>Mol wt</b>	77000
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Calpain 2
<b>Synonyms</b>	Calpain 2 ;Phospho Ser50; Calpain-2 catalytic subunit; EC 3.4.22.53; Calcium-activated neutral proteinase 2; CANP 2; Calpain M-type; Calpain large polypeptide L2; Calpain-2 large subunit; Millimolar-calpain; M-calpain

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year