

CAPNS1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 28kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CAPNS1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

30K; CANP; CDPS; CSS1; CANPS; CAPN4; CALPAIN4;

Catalog #: A6539

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 826

Isotype: IgG

Swiss Prot: P04632

Purity: Affinity purification

For research use only.

Background:

Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. This gene encodes a small subunit common to both calpain I and II and is associated with myotonic dystrophy. Two transcript variants encoding the same protein have been identified for this gene.

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