

Product datasheet for TA374250S

OriGene Technologies, Inc.

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Calpain 2 (CAPN2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC-P,1:50 - 1:200

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 80kDa **Gene Name:** calpain 2

Database Link: Entrez Gene 824 Human

P17655

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.

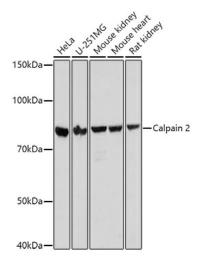




Synonyms:

CANP2; CANPL2; CANPml; FLJ39928; M-calpain; mCANP; Millimolar-calpain

Product images:



Western blot analysis of lysates from wild type (WT) and Calpain 2 knockout (KO) 293T cells