

### Anti-CAPNS2 Antibody

Rabbit polyclonal antibody to CAPNS2 Catalog # AP60145

#### Specification

# **Anti-CAPNS2 Antibody - Product Information**

Application Primary Accession Other Accession Reactivity Host Clonality Calculated MW WB <u>O96L46</u> <u>O9D7J7</u> Human, Mouse, Rat Rabbit Polyclonal 27660

### **Anti-CAPNS2 Antibody - Additional Information**

Gene ID 84290

**Other Names** Calpain small subunit 2; CSS2; Calcium-dependent protease small subunit 2

Target/Specificity Recognizes endogenous levels of CAPNS2 protein.

Dilution WB~~WB (1/500 - 1/1000)

**Format** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

### Anti-CAPNS2 Antibody - Protein Information

Name CAPNS2

Function

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.

#### **Cellular Location**

Cytoplasm. Cell membrane. Note=Translocates to the plasma membrane upon calcium binding.



# Anti-CAPNS2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## Anti-CAPNS2 Antibody - Images



Western blot analysis of CAPNS2 expression in HEK293T (A), A549 (B), H1792 (C) whole cell lysates.

### **Anti-CAPNS2 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CAPNS2. The exact sequence is proprietary.