antibodies -online.com







anti-CAPN1 antibody (AA 185-356)





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|----------|-------|
| ()\/\Di | view |
| | VICVV |

| Quantity: | 100 μL |
|----------------------|--|
| Target: | CAPN1 |
| Binding Specificity: | AA 185-356 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CAPN1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |
| | |

Product Details

| Immunogen: | CAPN1 (Glu185-Asp356) |
|---------------|--|
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against CAPN1. It has been selected for its ability to recognize CAPN1 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography |

Target Details

| Background: | Alternative Names: PIG30, CANPL1, MuCANP, MuCL, Calpain-1 Catalytic Subunit, Calcium- |
|-------------|---|
| Abstract: | CAPN1 Products |
| Target: | CAPN1 |

Dependent Protease 1, Calcium-activated neutral proteinase 1, Calpain mu-type, Micromolarcalpain

Application Details

Application Notes:

Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500
 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment:

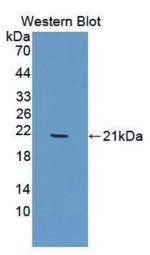
The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions:

For Research Use only

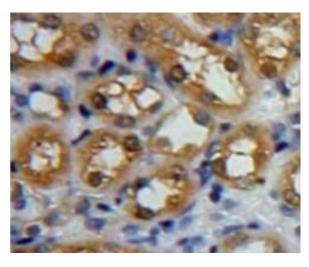
Handling

| Format: | Liquid |
|--------------------|---|
| Concentration: | Lot specific |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. |
| | Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or |
| | eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a |
| | physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute |
| | azide-containing compounds in running water before discarding to avoid accumulation of |
| | potentially explosive deposits in lead or copper plumbing. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | 4 °C |
| Storage Comment: | Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months. |
| Expiry Date: | 12 months |



Western Blotting

Image 1.



Immunohistochemistry

Image 2. Used in DAB staining on fromalin fixed paraffinembedded kidney tissue