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Datasheet for ABIN873111 **anti-CAPN12 antibody (AA 201-310)**

Overview

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| Quantity: | 100 µL |
| Target: | CAPN12 |
| Binding Specificity: | AA 201-310 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CAPN12 antibody is un-conjugated |
| Application: | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Calpain 12 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | CAPN12 |
| Alternative Name: | Calpain 12 (CAPN12 Products) |

Target Details

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| Background: | Synonyms: Calpain12, Calpain-12, CAPN 12, CAPN12, EC 3.4.22., MGC20576, CAN12_HUMAN. Background: Calpains are a family of cytosolic calcium activated cysteine proteases involved in a variety of cellular processes including apoptosis, cell division, modulation of integrin and cytoskeletal interactions, and synaptic plasticity. Calpain 12 was first described in the mouse, most strongly in the skin, and maps to mouse chromosome 7. Isoforms differ in the carboxyterminal ends, ending with aberrant domain III and lacking domain IV. Domains in the large subunit include the amino terminal domain I, the proteinase domain II, domain III, and the EF hand domain IV, making Calpain 12 most similar to calpains 1 and 2. |
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| Gene ID: | 147968 |
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Application Details

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| Application Notes: | ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |