

Anti-CAPN5 antibody

Cat. No.	ml220333
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CAPN5 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CAPN5
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CAPN5
Full name	calpain 5

Synonyms VRNI; ADNIV; HTRA3; nCL-3

Swissprot O15484

Target Background

Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to *Caenorhabditis elegans* sex determination gene *tra-3*, CAPN5 is also called as HTRA3.

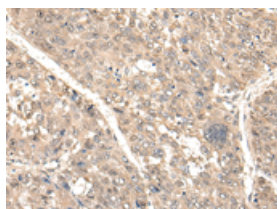
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human liver cancer

Recommended dilution: 40-200

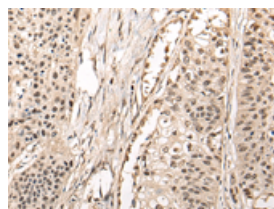


The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml220333(CAPN5 Antibody) at dilution 1/50. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human lung cancer

Recommended dilution: 40-200



The image is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml220333(CAPN5 Antibody) at dilution 1/50. (Original magnification: ×200)

Western blotting

Predicted band size: 73 kDa

Positive control: Hela cell lysate

Recommended dilution: 200-1000

Gel: 6% SDS-PAGE

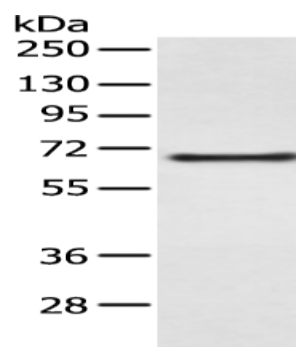
Lysate: 40 µg

Lane: Hela cell lysate

Primary antibody: ml220333(CAPN5 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



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订购热线: 4008-898-798

ELISA

Recommended dilution: 5000-10000

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