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Anti-MMP26 Antibody

Catalog # AP60192

Product Information

Application	WB, IF/IC
Primary Accession	Q9NRE1
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29708

Additional Information

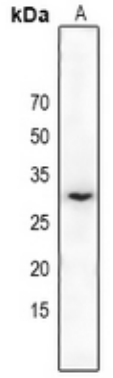
Gene ID	56547
Other Names	Matrix metalloproteinase-26; MMP-26; Endometase; Matrilysin-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MMP26. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

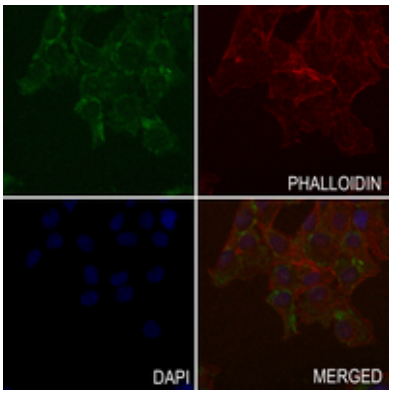
Name	MMP26
Function	May hydrolyze collagen type IV, fibronectin, fibrinogen, beta-casein, type I gelatin and alpha-1 proteinase inhibitor. Is also able to activate progelatinase B.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Expressed specifically in uterus and placenta. Is also widely expressed in malignant tumors from different sources as well as in diverse tumor cell lines

Images

Western blot analysis of MMP26 expression in rat kidney (A) whole cell lysates. (Predicted band size: 29 kD;



Observed band size: 30 kD)



Immunofluorescent analysis of MMP26 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.