antibodies - online.com







anti-MMP7 antibody (AA 18-267)



Images



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0.0		
Quantity:	100 μL	
Target:	MMP7	
Binding Specificity:	AA 18-267	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MMP7 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 18-267 of human MMP7 (NP_002414.1).	
Sequence:	LPLPQEAGGM SELQWEQAQD YLKRFYLYDS ETKNANSLEA KLKEMQKFFG LPITGMLNSR VIEIMQKPRC GVPDVAEYSL FPNSPKWTSK VVTYRIVSYT RDLPHITVDR LVSKALNMWG KEIPLHFRKV VWGTADIMIG FARGAHGDSY PFDGPGNTLA HAFAPGTGLG GDAHFDEDER WTDGSSLGIN FLYAATHELG HSLGMGHSSD PNAVMYPTYG NGDPQNFKLS QDDIKGIQKL YGKRSNSRKK	
lsotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	

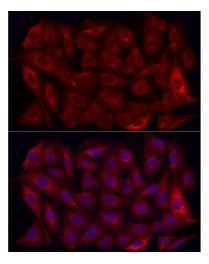
Target Details

Target:	MMP7	
Alternative Name:	MMP7 (MMP7 Products)	
Background:	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal hysiological processes, such as embryonic development, reproduction, and tissue remodeling, is well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is roteolytically processed to generate the mature protease. This secreted protease breaks down roteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal hemopexin domain. The enzyme is involved in wound ealing, and studies in mice suggest that it regulates the activity of defensins in intestinal nucosa. The gene is part of a cluster of MMP genes on chromosome 11. This gene exhibits devated expression levels in multiple human cancers.,MMP7,MMP-7,MPSL1,PUMP-,Cancer,Tumor biomarkers,Invasion and Metastasis,Signal Transduction,G protein ignaling,G2/M DNA Damage Checkpoint,Cell Biology & Developmental iology,Cytoskeleton,Extracellular Matrix,MMPs,Ubiquitin,Cardiovascular,Angiogenesis,MMP7	
Molecular Weight:	29 kDa	
Gene ID:	4316	
UniProt:	P09237	
Pathways:	Production of Molecular Mediator of Immune Response	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid freeze / thaw cycles	

Storage:	-20 °C

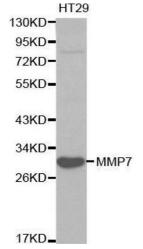
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



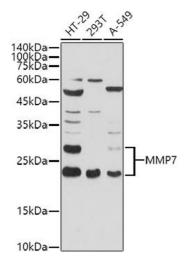
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using MMP7 Rabbit pAb (ABIN3021102, ABIN3021103, ABIN3021104, ABIN1513214 and ABIN6213952) at dilution of 1:350 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of HT29 cell lysate using MMP7 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using MMP7 antibody (ABIN3021102, ABIN3021103, ABIN3021104, ABIN1513214 and ABIN6213952) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Please check the product details page for more images. Overall 6 images are available for ABIN3021103.