antibodies -online.com







anti-FAP antibody (AA 311-410)

Images



Publication



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Quantity:	100 μL
Target:	FAP
Binding Specificity:	AA 311-410
Reactivity:	Human, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FAPA
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	FAP	

Target Details

Alternative Name:	FAPA (FAP Products)
Background:	Synonyms: FAPA, DPPIV, Prolyl endopeptidase FAP, 17 kDa melanoma membrane-bound
	gelatinase, Dipeptidyl peptidase FAP, Fibroblast activation protein alpha, FAPalpha, Gelatine
	degradation protease FAP, Integral membrane serine protease, Post-proline cleaving enzyme,
	Serine integral membrane protease, SIMP, Surface-expressed protease, Seprase, FAP
	Background: In association with DPP4 is involved in the pericellular proteolysis of the
	extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May
	have a role in tissue remodeling during development and wound healing, and may contribute to
	invasiveness in malignant cancers.
Gene ID:	2191
UniProt:	Q12884
Pathways:	Tube Formation
Application Details	
Application Notes:	WB 1:300-5000
	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
Restrictions:	For Research Use only
Handling	
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

Handling

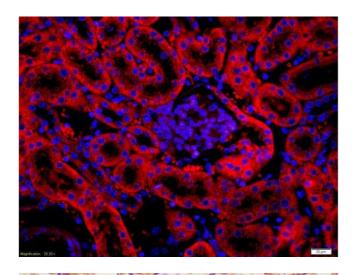
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:

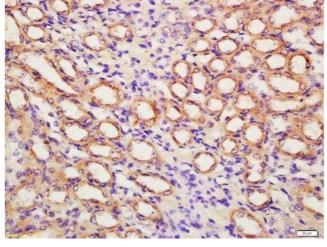
Zhang, Jiang, Ling, Cao, Zhao, Tuo, She, Shen, Jiang, Hu, Pang: "Enhanced Antitumor Activity of EGFP-EGF1-Conjugated Nanoparticles by a Multitargeting Strategy." in: **ACS applied materials & interfaces**, Vol. 8, Issue 14, pp. 8918-27, (2016) (PubMed).

Images



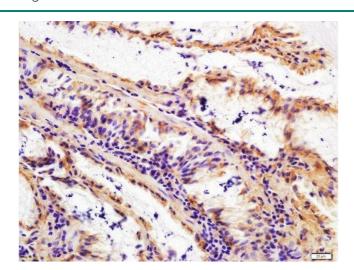
Immunofluorescence (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded mouse intestine labeled with Rabbit Anti-FAPA Polyclonal Antibody, Unconjugated used at 1:200 dilution for 40 minutes at 37°C. DAPI was used to stain the cell nuclei



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded mouse kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-FAPA Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by a conjugated secondary for 90 minutes and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded human gastric cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-FAPA Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by a conjugated secondary for 90 minutes and DAB staining.