

Datasheet for ABIN896768

anti-FAP antibody (AA 311-410) (AbBy Fluor® 647)[Go to Product page](#)**2** Publications

Overview

Quantity:	100 µL
Target:	FAP
Binding Specificity:	AA 311-410
Reactivity:	Human, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAP antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	FAPA (FAP Products)

Target Details

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:	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Miller, Nagy, Knapp, Laengle, Ponweiser, Groeger, Starkl, Bergmann, Wagner, Haschemi: "Exploring Metabolic Configurations of Single Cells within Complex Tissue Microenvironments." in: **Cell metabolism**, Vol. 26, Issue 5, pp. 788-800.e6, (2017) ([PubMed](#)).

Evrard, Lecce, Michelis, Nomura-Kitabayashi, Pandey, Purushothaman, dEscamard, Li, Hadri, Fujitani, Moreno, Benard, Rimmele, Cohain, Mecham, Randolph, Nabel, Hajjar, Fuster, Boehm, Kovacic: "Endothelial to mesenchymal transition is common in atherosclerotic lesions and is associated with plaque instability." in: **Nature communications**, Vol. 7, pp. 11853, (2016) ([PubMed](#)).