

Rabbit FAP Alpha Polyclonal Antibody | anti-FAP antibody

Rabbit Polyclonal to Human FAP Alpha

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50673	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

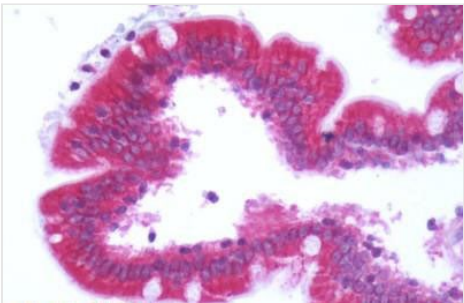
PRODUCT SYNONYMS

FAP Alpha; Polyclonal Antibody; Rabbit Polyclonal to Human FAP Alpha; Anti-FAP Alpha Antibody (Extracellular Domain) IHC-plus; DPPIV; FAP alpha; Fibroblast activation protein; FAPA; Seprase; Human FAP Alpha; anti-FAP antibody

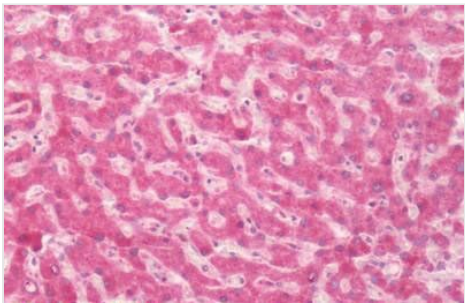
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human FAP. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	760
Applicable Applications for anti-FAP antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from extracellular domain of human FAP. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey (94%); Bovine (89%); Marmoset (83%).
Immunogen Type	Synthetic peptide
Immunogen	FAP Alpha antibody was raised against synthetic 18 amino acid peptide from extracellular domain of human FAP. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey (94%); Bovine (89%); Marmoset (83%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-FAP antibody	Fibroblast Activation Protein Alpha (FAP) is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. FAP is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis.
Product Categories/Family for anti-FAP antibody	Family: Protease; Subfamily: Serine S9

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933540
NCBI GeneID	2191
NCBI Accession #	NP_004451.2
NCBI GenBank Nucleotide #	NM_004460.3
UniProt Accession #	Q12884; O00199; Q53TP5; Q86Z29; Q99998; Q9UID4
Molecular Weight	26,954 Da
NCBI Official Full Name	prolyl endopeptidase FAP isoform 1
NCBI Official Synonym Full Names	fibroblast activation protein, alpha
NCBI Official Symbol	FAP
NCBI Official Synonym Symbols	FAPA; SIMP; DPPIV
NCBI Protein Information	prolyl endopeptidase FAP; seprase; FAPalpha; dipeptidyl peptidase FAP; surface-expressed protease; post-proline cleaving enzyme; gelatine degradation protease FAP; integral membrane serine protease; serine integral membrane protease; 170 kDa melanoma membrane-bound gelatinase
UniProt Protein Name	Prolyl endopeptidase FAP
UniProt Gene Name	FAP
UniProt Entry Name	SEPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.