

Rabbit FAP ALPHA Polyclonal Antibody | anti-FAP antibody

RABBIT ANTI HUMAN FAP ALPHA

CATALOG # AAA50010	HOST Rabbit	APPLICATIONS Immunohistochemistry
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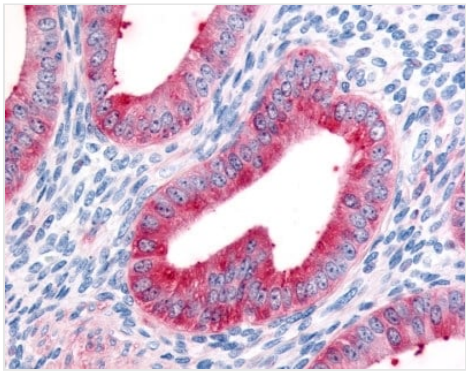
PRODUCT SYNONYMS

FAP ALPHA; Polyclonal Antibody; RABBIT ANTI HUMAN FAP ALPHA; anti-FAP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects fibroblast activation protein alpha (FAP alpha), a type II membrane protein belonging to the serine protease family. FAP alpha is upregulated on activated fibroblasts in response to wounding, and may also be involved in epithelial-mesenchymal interactions during development and tissue repair. Active FAP alpha is a 170kD homodimeric protein which can also exist as a soluble form. FAP alpha can also form heterodimeric complexes with CD26 (DPP4), and these proteins may function co-ordinately to modulate the growth, differentiation, adhesion and metastasis of tumour cells.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	735
Applicable Applications for anti-FAP antibody	IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide: extracellular domain of human FAP alpha, conjugated to keyhole limpet hemocyanin. Histology Positive Control Tissue
Antiserum Preparation	Antisera to FAP alpha were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded human uterus with Rabbit anti Human FAP alpha (AAA50010)

ADDITIONAL INFORMATION

Related Product Information for anti-FAP antibody	MBS222803 detects fibroblast activation protein alpha (FAP alpha), a type II membrane protein belonging to the serine protease family. FAP alpha is upregulated on activated fibroblasts in response to wounding, and may also be involved in epithelial-mesenchymal interactions during development and tissue repair. Active FAP alpha is a 170kD homodimeric protein which can also exist as a soluble form. FAP alpha can also form heterodimeric complexes with CD26 (DPP4), and these proteins may function co-ordinately to modulate the growth, differentiation, adhesion and metastasis of tumour cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	620597362
NCBI GeneID	2191
NCBI Accession #	NP_001278736.1
NCBI GenBank Nucleotide #	NM_001291807.1
UniProt Accession #	Q12884; O00199; Q53TP5; Q86Z29; Q99998; Q9UID4
Molecular Weight	26,954 Da
NCBI Official Full Name	prolyl endopeptidase FAP isoform 2
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; 170 kDa melanoma membrane-bound gelatinase; FAPalpha; dipeptidyl peptidase FAP; gelatine degradation protease FAP; integral membrane serine protease; post-proline cleaving enzyme; seprase; serine integral membrane protease; surface-expressed protease
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.