



Anti-FAP polyclonal antibody (CPBT-67607RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

This product 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.

Specificity	FAP ALPHA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-P
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.09% Sodium Azide
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.

GENE INFORMATION

Gene Name	FAP fibroblast activation protein, alpha [Homo sapiens (human)]
Official Symbol	FAP
Synonyms	FAP; fibroblast activation protein, alpha; FAPA; SIMP; DPPIV; prolyl endopeptidase FAP; seprase; FAPalpha; dipeptidyl peptidase FAP; surface-expressed protease; post-proline cleaving enzyme; gelatine degradation protease FAP; integral membrane serine prot
Entrez Gene ID	2191
Protein Refseq	NP_001278736
UniProt ID	Q12884
Chromosome Location	2q23
Function	dipeptidyl-peptidase activity; endopeptidase activity; integrin binding; metalloendopeptidase activity; peptidase activity; protease binding; protein binding; protein dimerization activity; protein homodimerization activity; serine-type endopeptidase activity; serine-type peptidase activity;