



Anti-FAP polyclonal antibody [Biotin] (DPABY-431)

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

PRODUCT INFORMATION

Antigen Description	FAP (fibroblast activation protein-alpha; also known as seprase) is a type II transmembrane serine protease that degrades gelatin, Type I collagen, and N-terminal prolines. FAP is induced on reactive stromal fibroblasts in epithelial cancers, sarcomas, and granulation tissue, and may play roles in tumor invasion, tissue remodeling, and wound repair.
Specificity	Detects human Fibroblast Activation Protein alpha/FAP in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with recombinant human DPPIV is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human Fibroblast Activation Protein alpha/FAP . Leu26-Asp760 Accession Number Q12884
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	FAP fibroblast activation protein, alpha [Homo sapiens (human)]
Official Symbol	FAP
Synonyms	FAP; fibroblast activation protein, alpha; FAPA; DPPIV; seprase; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase;
Entrez Gene ID	2191
Protein Refseq	NP_001278736
UniProt ID	B4DLR2
Chromosome Location	2q23
Function	dipeptidyl-peptidase activity; endopeptidase activity; metalloendopeptidase activity; peptidase activity; protease binding; protein binding; protein dimerization activity; protein homodimerization activity; serine-type endopeptidase activity; serine-type