

For Research Use Only

FAP Polyclonal antibody, PBS Only

Catalog Number: 11779-1-PBS



Basic Information

Catalog Number: 11779-1-PBS	GenBank Accession Number: BC026250	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2191	
Source: Rabbit	UNIPROT ID: Q12884	
Isotype: IgG	Full Name: fibroblast activation protein, alpha	
Immunogen Catalog Number: AG2439	Calculated MW: 760 aa, 88 kDa	
	Observed MW: 87-97 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

Fibroblast activation protein-alpha (FAP-alpha) is a cell surface glycoprotein serine protease, which can participate in extracellular matrix degradation and is involved in many cellular processes including tissue remodeling, fibrosis, wound healing, inflammation and tumor growth (PMID: 14751930; 16223769). FAP-alpha is a single transmembrane protein that locates the cytoplasm and plasma membrane. Immunohistochemical studies have shown that FAP-alpha is transiently expressed in certain normal fetal mesenchymal tissues but that normal adult tissues as well as malignant epithelial, neural, and hematopoietic cells are generally FAP-alpha-negative. However, most of the common types of epithelial cancers contain abundant FAP-alpha-reactive stromal fibroblasts (PMID: 7911242).

Storage

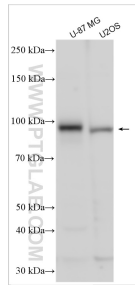
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

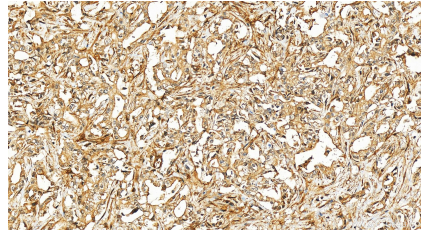
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11779-1-AP (FAPA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11779-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 11779-1-AP (FAPA antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11779-1-PBS in a different storage buffer formulation.