

FAP-1 Antibody

Catalog No: #33369

Package Size: #33369-1 50ul #33369-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

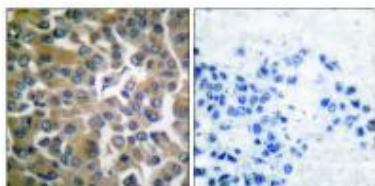
Product Name	FAP-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FAP-1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human FAP-1.
Target Name	FAP-1
Other Names	DPPIV; FAPA; SEPRASE; fibroblast activation protein alpha subunit; integral membrane serine protease
Accession No.	Swiss-Prot: Q12884NCBI Gene ID: 2191
SDS-PAGE MW	88kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

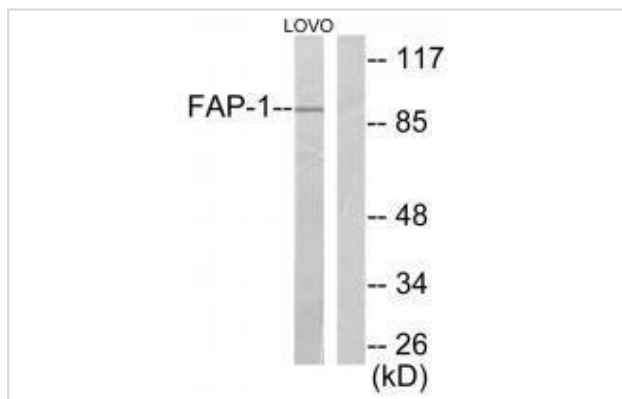
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

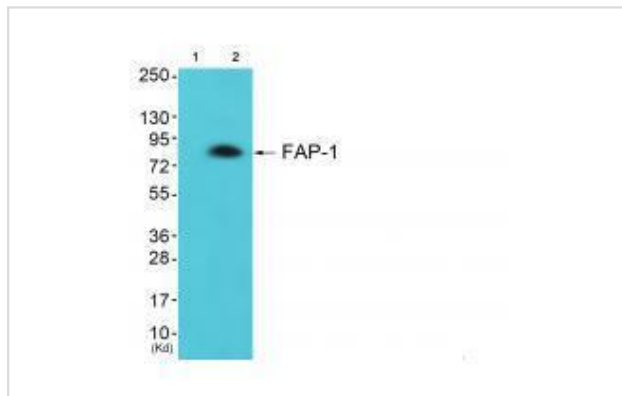
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FAP-1 antibody #33369.



Western blot analysis of extracts from LOVO cells, using FAP-1 antibody #33369.



Western blot analysis of extracts from colo cells (Lane 2), using FAP-1 antibody #33369. The lane on the left is treated with synthesized peptide.

Background

In association with DPP4 is involved in the pericellular proteolysis of the extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers.

Hendrik Ungefroren, J. Cell Sci., Aug 2001; 114: 2735.

Vladimir N. Ivanov, Mol. Cell. Biol., May 2003; 23: 3623 - 3635.

Vladimir N. Ivanov, J. Biol. Chem., Jan 2006; 281: 1840 - 1852.

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Published Papers

el at., Ultrasensitive fluorescent probes reveal an adverse action of dipeptide peptidase IV and fibroblast activation protein during proliferation of cancer cells. In Anal Chem on 2016 Aug 16 by Qiuyu Gong, Wen Shi et al.. PMID:27444320 , , (2016)

[PMID:27444320](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.