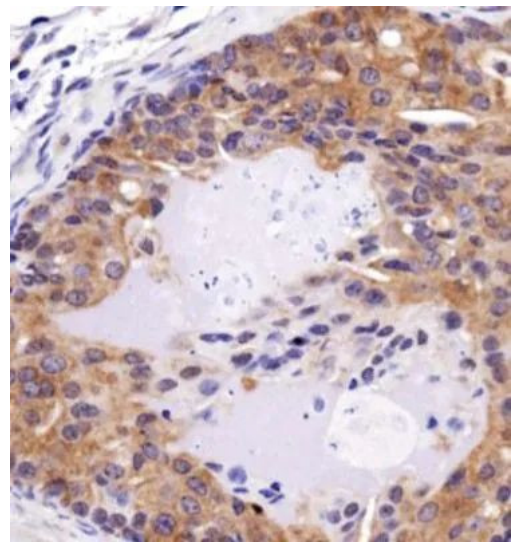


FAT4 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide made to a C-terminal portion of the human FAT4 protein (between residues 4000-4500) [UniProt Q6V0I7]
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 30% glycerol
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2718824

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:150	1 Publication
Immunocytochemistry (ICC/IF)	1:100	-

Product Images For FAT4 Polyclonal Antibody



FAT4 Antibody (PA5-72970) in IHC (P)
Immunohistochemical analysis of FAT4 in mouse prostate cancer. Samples were incubated with FAT4 polyclonal antibody (Product # PA5-72970) followed by DAB with hematoxylin counterstain.

[View more figures on thermofisher.cn](http://thermofisher.cn)

Western Blot (2)

<p>Evidence-based complementary and alternative medicine : eCAM</p> <p>The TCM Prescription Yi-Fei-Jie-Du-Tang Inhibit Invasive Migration and EMT of Lung Cancer Cells by Activating Autophagy.</p> <p>"PA5-72970 was used in Immunohistochemistry to suggest that the inhibitory effect of YFJDT on EMT in lung cancer tumors is through upregulating FAT4, promoting autophagy, and thus inhibiting EMT in cancer cells."</p> <p>Authors: Wang S,Wang Z,Wu Y,Hou C,Dai X,Wang Q,Wu Y,Qian C,Zhang X</p>	<p>Year 2022</p> <p>Species Mouse</p>
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<p>Cell death discovery</p> <p>Tumor suppressive role of mitochondrial sirtuin 4 in induction of G2/M cell cycle arrest and apoptosis in hepatitis B virus-related hepatocellular carcinoma.</p> <p>"PA5-72970 was used in Western Blotting to investigate the clinical significance and functional role of Sirtuin 4 in hepatitis B virus (HBV)-related hepatocellular carcinoma."</p> <p>Authors: Huang FY,Wong DK,Seto WK,Mak LY,Cheung TT,Yuen MF</p>	<p>Year 2021</p> <p>Species Human</p>
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Immunohistochemistry (1)

<p>Aging</p> <p>Comparison of the mutation patterns between tumor tissue and cell-free DNA in stage IV gastric cancer.</p> <p>"PA5-72970 was used in Immunohistochemistry to analyze cfDNA and tumor DNA in 56 stage IV GC patients the prediction of mutation in tumor samples, monitoring the mutation pattern of cfDNA."</p> <p>Authors: Kung CY,Fang WL,Hung YP,Huang KH,Chen MH,Chao Y,Lin SC,Li AF,Lo SS,Wu CW</p>	<p>Year 2023</p> <p>Species Human</p>
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Immunohistochemistry (Paraffin) (1)

<p>Evidence-based complementary and alternative medicine : eCAM</p> <p>The TCM Prescription Yi-Fei-Jie-Du-Tang Inhibit Invasive Migration and EMT of Lung Cancer Cells by Activating Autophagy.</p> <p>"PA5-72970 was used in Immunohistochemistry to suggest that the inhibitory effect of YFJDT on EMT in lung cancer tumors is through upregulating FAT4, promoting autophagy, and thus inhibiting EMT in cancer cells."</p> <p>Authors: Wang S,Wang Z,Wu Y,Hou C,Dai X,Wang Q,Wu Y,Qian C,Zhang X</p>	<p>Year 2022</p> <p>Species Mouse</p>
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