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PRODUCT DATASHEET

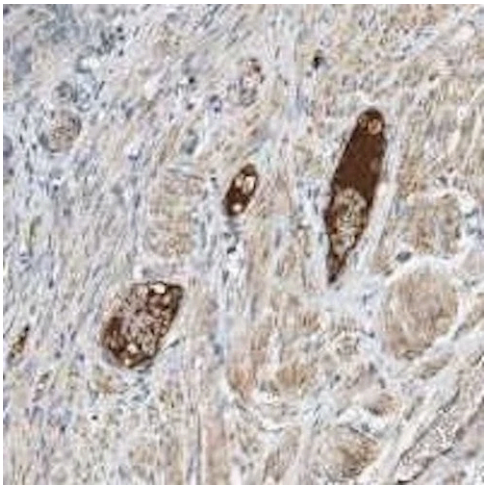
Anti-APC-AAT Complexes, Neoepitope Antibody

Product Details

Available Variants	100 uL (SKU:ABS 001-07-010) 400 uL (SKU:ABS 001-07-04) 1000 uL (SKU:ABS 001-07-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	APC-7
Gene Name	PROC
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA
Species Reactivity	Human
Immunogen	Recombinant human activated protein C
Specificity	ABS 001-07 is specific for a conformation-dependent neoepitope that is expressed in activated protein C upon complex-formation with α1-antitrypsin. No reaction is seen to non-complexed α1-antitrypsin and only very little cross reaction to protein C zymogen. Note that specificity is calcium dependent.
Molecular Weight	62 kDa proenzyme, 55 kDa active enzyme
Storage	2-8°C without exposure to light
UniProt ID	P04070 UniProt Summary: Protein C is a vitamin K-dependent serine protease that regulates blood coagulation by inactivating factors Va and VIIIa in the presence

	of calcium ions and phospholipids (PubMed:25618265, PubMed:39880037). Exerts a protective effect on the endothelial cell barrier function (PubMed:25651845). {ECO:0000269|PubMed:25618265, ECO:0000269|PubMed:25651845, ECO:0000269|PubMed:39880037}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	5624

Product Images



Immunohistochemistry detection of APC-AAT complexes, neoepitope in human fallopian tube tissue using Anti-APC-AAT Complexes, Neoepitope Antibody (Cat.ABS 001-07-010). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.ABS 001-07-010) was incubated with the sample.