

产品名称: AACT Rabbit Polyclonal Antibody
产品货号: APRab06375



产品概述 (Summary)

产品名称 (Production Name)	AACT Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SERPINA3
别名 (Alternative Names)	SERPINA3; AACT; GIG24; GIG25; Alpha-1-antichymotrypsin; ACT; Cell growth-inhibiting gene 24/25 protein; Serpin A3
基因 ID (Gene ID)	12.0
蛋白 ID (SwissProt ID)	P01011.The antiserum was produced against synthesized peptide derived from the Internal region of human SERPINA3. AA range:251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	46kDa

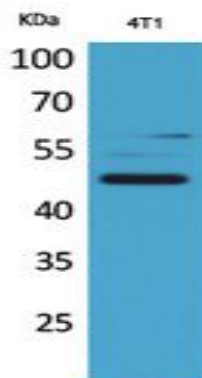
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研究背景 (Background)

The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by RefSeq, Jul 2008], caution: It is uncertain whether Met-1 or Met-4 is the initiator., disease: Defects in SERPINA3 may be a cause of chronic obstructive pulmonary disease (COPD) [MIM:107280], domain: The reactive center loop (RCL) extends out from the body of the protein and directs binding to the target protease. The protease cleaves the serpin at the reactive site within the RCL, establishing a covalent linkage between the carboxyl group of the serpin reactive site and the serine hydroxyl of the protease. The resulting inactive serpin-protease complex is highly stable., function: Although its physiological function is unclear, it can inhibit neutrophil cathepsin G and mast cell chymase, both of which can convert angiotensin-1 to the active angiotensin-2., miscellaneous: Alpha-1-antichymotrypsin can bind DNA., online information: Alpha-1 antichymotrypsin entry, sequence caution: Translation N-terminally shortened., similarity: Belongs to the serpin family., subunit: Interacts with DNAJC1., tissue specificity: Plasma. Synthesized in the liver. Like the related alpha-1-antitrypsin, its concentration increases in the acute phase of inflammation or infection. Found in the myeloid plaques from the hippocampus of Alzheimer's disease brains.,

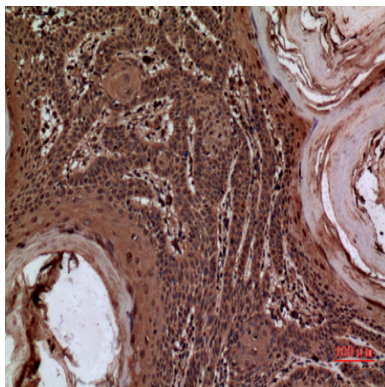
研究领域 (Research Area)

图片 (Image Data)

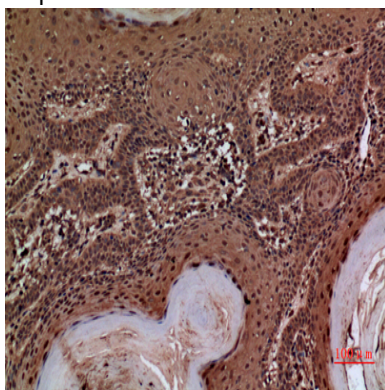


Western Blot analysis of 4T1 cells using AACT Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

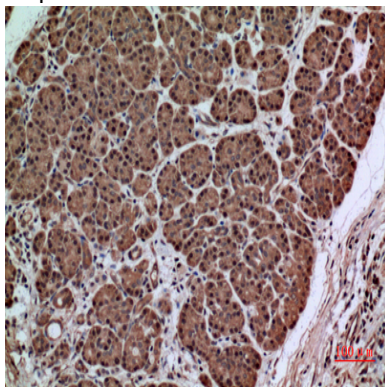
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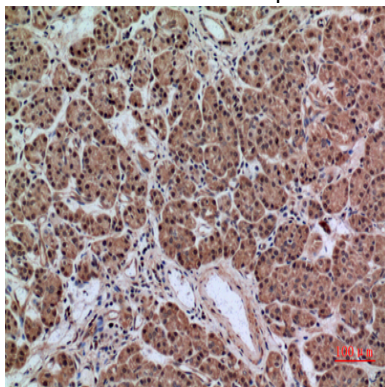
Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas-cancer, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded human-pancreas-cancer, antibody was diluted at 1:100

注意事项 (Note)

For research use only .