

# **AACT Polyclonal Antibody**

Catalog # AP73574

### **Product Information**

Application WB, IHC-P
Primary Accession P01011
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 47651

#### **Additional Information**

Gene ID 12

Other Names SERPINA3; AACT; GIG24; GIG25; Alpha-1-antichymotrypsin; ACT; Cell

growth-inhibiting gene 24/25 protein; Serpin A3

**Dilution** WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not

yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p:

1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **Protein Information**

Name SERPINA3

**Synonyms** AACT

**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.

**Cellular Location** Secreted.

**Tissue Location** Plasma. Synthesized in the liver. Like the related alpha-1-antitrypsin, its

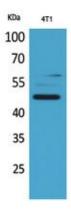
concentration increases in the acute phase of inflammation or infection. Found in the amyloid plaques from the hippocampus of Alzheimer disease

brains.

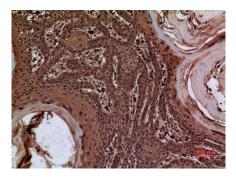
## **Background**

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.

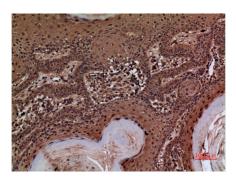
## **Images**



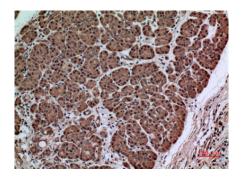
Western Blot analysis of 4T1 cells using AACT Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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

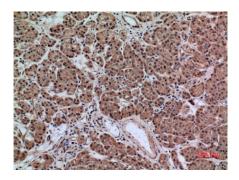


Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100



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

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



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