

## anti- alpha 1 Antichymotrypsin / AACT antibody

### Product Information

Catalog No.:	FNab00318
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	8F10
IsoType:	IgG2b
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Human SerpinA3, also known as Alpha 1-antichymotrypsin(AACT), is a member of the serine protease inhibitor class, and is a plasma alpha globulin glycoprotein which increases in the blood during the inflammatory process. SerpinA3, is also an inhibitor of neutrophil cathepsin G, mast cell chymases and pancreatic chymotrypsin. SerpinA3 is produced primarily in the liver, and is identified as an acute-phase inflammatory protein. SerpinA3 deficiency has been associated with liver disease. SerpinA3 has also been implicated in the pathology of a number of devastating human diseases including chronic obstructive pulmonary disease(COPD), Parkinson's disease(PD), Alzheimer's disease(AD), Stroke, Cystic Fibrosis, Cerebral Haemorrhage and Multiple System Atrophy.

### Immunogen information

Immunogen:	serpin peptidase inhibitor, clade A(alpha-1 antiproteinase, antitrypsin), member 3
Synonyms:	A1 Antichymotrypsin, AACT, ACT, Alpha 1 antichymotrypsin, GIG24, GIG25, Serpin A3, SERPINA3
Observed MW:	60 kDa
Uniprot ID :	P01011

### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

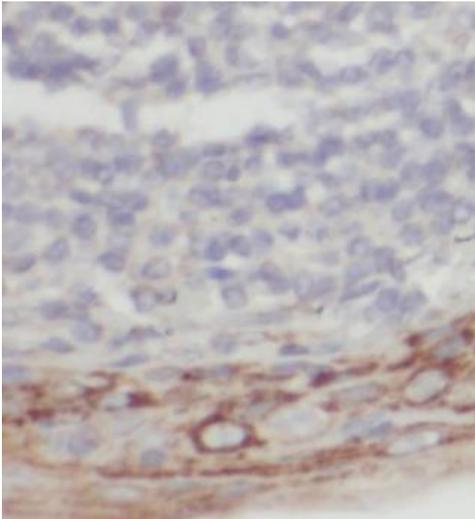
## Application

Reactivity: Human

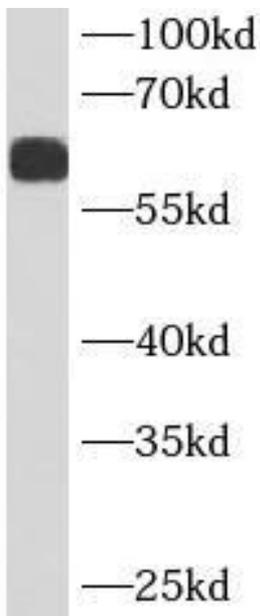
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:1000-1:10000; IHC: 1:20-1:300

Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab00318(AACT antibody) at dilution of 1:200



human blood tissue were subjected to SDS PAGE followed by western blot with FNab00318(AACT antibody) at dilution of 1:5000

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