

SERPINA3 Monoclonal Antibody

Catalog No. E-AB-27017

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

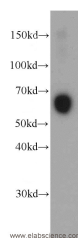
Reactivity	Human
Immunogen	Fusion protein of alpha 1 Antichymotrypsin / AACT
Host	Mouse
Isotype	IgG2b
Clone	Clone:112
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, PH7.3

Applications

Recommended Dilution

WB 1:500-1:5000,
IHC 1:50-1:500

Data



Western Blot analysis of Human blood tissue using
SERPINA3 Monoclonal Antibody at dilution of 1:1000

Observed Mw:65kDa

Calculated Mw:448aa, 48kDa

Preparation & Storage

Storage Store at -20°C. Avoid 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.

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