

Anti-Serpin B12 Antibody

Catalog # AP61001

Product Information

Application	WB, IF/IC
Primary Accession	Q96P63
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46276

Additional Information

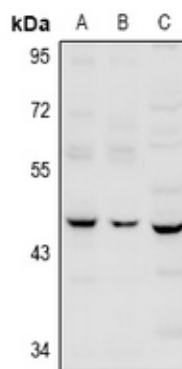
Gene ID	89777
Other Names	Serpin B12
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Serpin B12. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

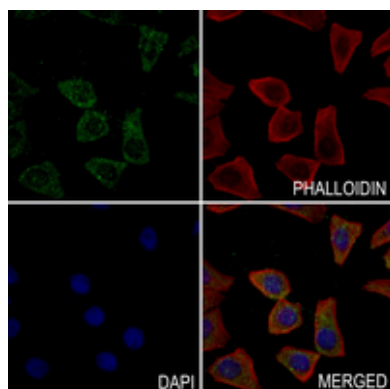
Name	SERPINB12
Function	Inhibits trypsin and plasmin, but not thrombin, coagulation factor Xa, or urokinase-type plasminogen activator (PubMed: 11604408). May play a role in cell differentiation (PubMed: 30045019).
Cellular Location	Cytoplasm.
Tissue Location	Expressed in many tissues, including brain, bone marrow, lymph node, heart, lung, liver, pancreas, testis, ovary, and intestine.

Images

Western blot analysis of Serpin B12 expression in A549 (A), LO2 (B), AML12 (C) whole cell lysates. (Predicted band



size: 46 kD; Observed band size: 46 kD)



Immunofluorescent analysis of Serpin B12 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.