

## DATASHEET

# Antithrombin III Rabbit Monoclonal Antibody(C1810)

CAT. NO. AMA01422

### KEY FEATURES

Target	Antithrombin III	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade . AT-III inhibits thrombin, matriptase-3/TMPRSS7, as well as factors IXa, Xa and XIa . Its inhibitory activity is greatly enhanced in the presence of heparin.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

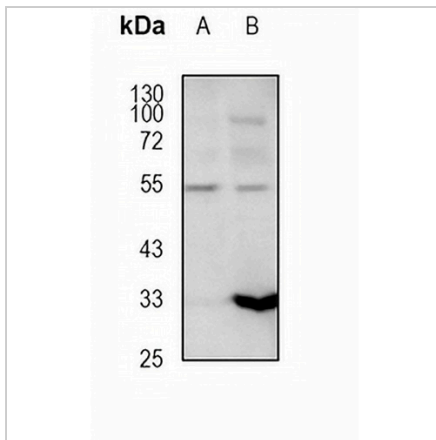
Description	Recombinant rabbit monoclonal antibody to Antithrombin III
Specificity	Recognizes endogenous levels of Antithrombin III protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Antithrombin III protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 52 kD; Observed: 53 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	AT3; Antithrombin-III; ATIII; Serpin C1
Gene Symbol	SERPINC1
Entrez Gene	462(Human)
SwissProt	P01008(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Antithrombin III expression in U87 (A), A375 (B) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 53 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.