

Rabbit anti-Human, Rat Antithrombin Polyclonal Antibody | anti-AT antibody

Polyclonal Antibody to Antithrombin (AT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143598	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

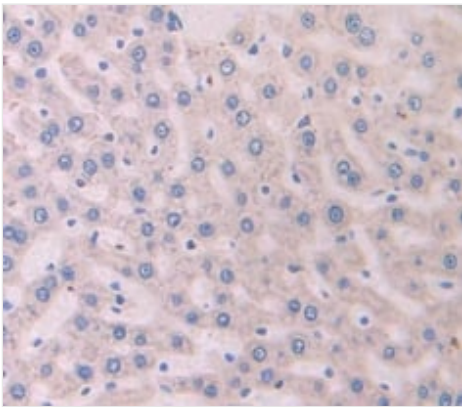
PRODUCT SYNONYMS

Antithrombin; Polyclonal Antibody; Polyclonal Antibody to Antithrombin (AT); anti-AT antibody

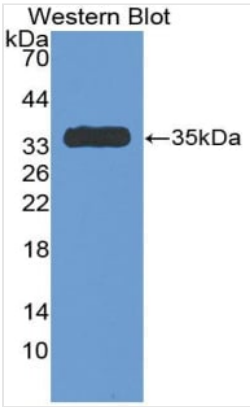
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against AT. It has been selected for its ability to recognize AT in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-DQIHFFFA KLCRLYRKA NKSSNLVSAN RLFGDKSLTF NESYQDVSEI VYGAKLQPLD FKENPEQSRV TINNWVANKT EGRIKDVIPQ GAIDELTALV LVNTIYFKGL WSKKFSPENT RKEPFHKVDG QSCLVPMYQ EGKFKYRRVG EGTQVLEMPF KGDDITMVL LPKPEKSLAK VEQELTPELL QEWLDELSEV MLVVHVPRFR IEDSFSLKEQ LQDMGLVDLF SPEKSQLPGI IAEGRDDL FV SDAFHKAFL E VNE
Applicable Applications for anti-AT antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	Antithrombin (Asp150~Arg426)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant Antithrombin (Asp150~Arg426) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

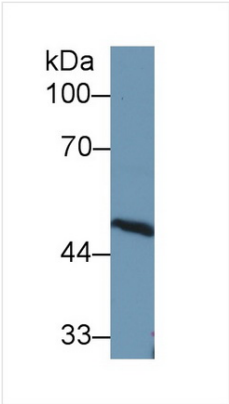
IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat AT Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	58865630
NCBI GeneID	304917
NCBI Accession #	NP_001012027.1
NCBI GenBank Nucleotide #	NM_001012027.1
UniProt Accession #	Q5M7T5
Molecular Weight	52,234 Da
NCBI Official Full Name	antithrombin-III
NCBI Official Synonym Full Names	serpin family C member 1
NCBI Official Symbol	Serpinc1
NCBI Protein Information	antithrombin-III
UniProt Protein Name	Serine (Or cysteine) peptidase inhibitor, clade C (Antithrombin), member 1
UniProt Gene Name	Serpinc1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

