

Rabbit Aspartate Aminotransferase (AST) Polyclonal Antibody | anti-AST antibody

Polyclonal Antibody to Aspartate Aminotransferase (AST)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20164	Rabbit	Rat, Human, Mouse	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

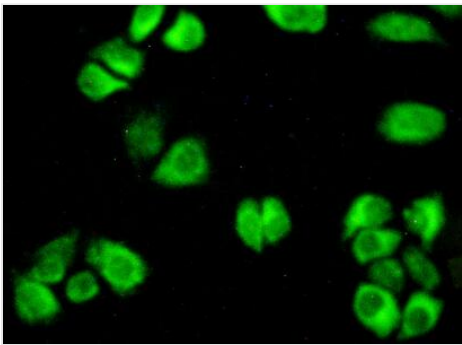
PRODUCT SYNONYMS

Aspartate Aminotransferase (AST); Polyclonal Antibody; Polyclonal Antibody to Aspartate Aminotransferase (AST); anti-AST antibody

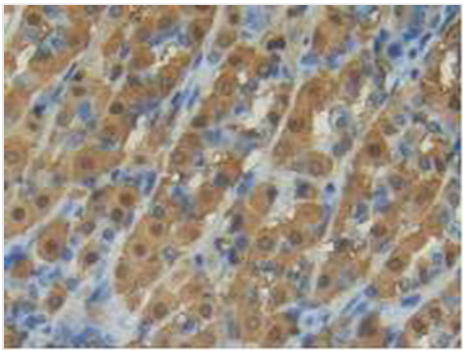
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AST antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL; Immunohistochemistry: 5-20ug/mL; Immunocytochemistry: 5-20ug/mL; Optimal working dilutions must be determined by end user.
Source	Polyclonal antibody preparation
Traits	Liquid
Cross Reactivity	Human; Mouse
Immunogen	Recombinant AST (Met1~Gln413) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

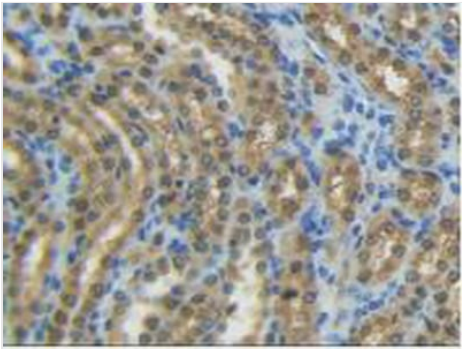
IMAGES



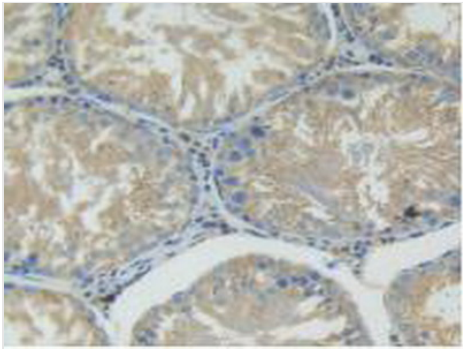
IHC (Immunohistochemistry)
DAB staining on IHC-P;Samples: Rat Liver Tissue;Primary Ab: 20ug/ml Rabbit Anti-Rat AST AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Immunohistochemistry)



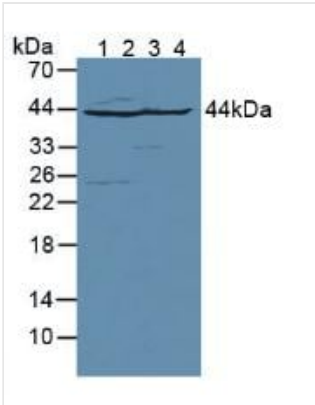
IHC (Immunohistochemistry)
DAB staining on IHC-P;Samples: Rat Intestine Tissue



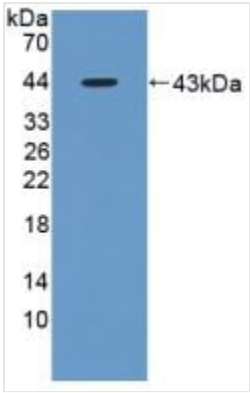
IHC (Immunohistochemistry)
DAB staining on IHC-P;Samples: Rat Kidney Tissue



IHC (Immunohistochemistry)



WB (Western Blot)
Western Blot:Sample:Lane 1: Rat Brain Tissue;Lane 2: Rat Heart Tissue;Lane 3: Rat Liver Tissue;Lane 4: Rat Kidney Tissue.



WB (Western Blot)
Western Blot:Sample: Recombinant AST, Rat.

NCBI AND UNIPROT INFORMATION

NCBI GI #	401461792
NCBI GeneID	24401
NCBI Accession #	NP_036703.2
NCBI GenBank Nucleotide #	NM_012571.2
UniProt Accession #	P13221; Q64570; Q6P721
NCBI Official Full Name	aspartate aminotransferase, cytoplasmic

NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 1
NCBI Official Symbol	Got1
NCBI Official Synonym Symbols	ASAT; cCAT; Aspat; Gaspat; cAspAT
NCBI Protein Information	aspartate aminotransferase, cytoplasmic
UniProt Protein Name	Aspartate aminotransferase, cytoplasmic
UniProt Gene Name	Got1
UniProt Synonym Gene Names	cAspAT; cCAT

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aspartate-aminotransferase-ast-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/20164>