

## ARG64412 anti-Aspartate Aminotransferase antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Aspartate Aminotransferase
Tested Reactivity	Hu
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Aspartate Aminotransferase
Species	Human
Immunogen	C-RSYRYWDAEKR
Conjugation	Un-conjugated
Alternate Names	Cysteine transaminase, cytoplasmic; cAspAT; GIG18; Glutamate oxaloacetate transaminase 1; cCAT; EC 2.6.1.3; Cysteine aminotransferase, cytoplasmic; ASTQTL1; AST1; EC 2.6.1.1; Transaminase A; Aspartate aminotransferase, cytoplasmic

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 5 µg/ml
	WB	0.01 - 1 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 2805 Human](#)

[Swiss-port # P17174 Human](#)

Background

Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology. [provided by RefSeq, Jul 2008]

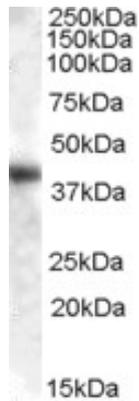
Research Area

Cancer antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

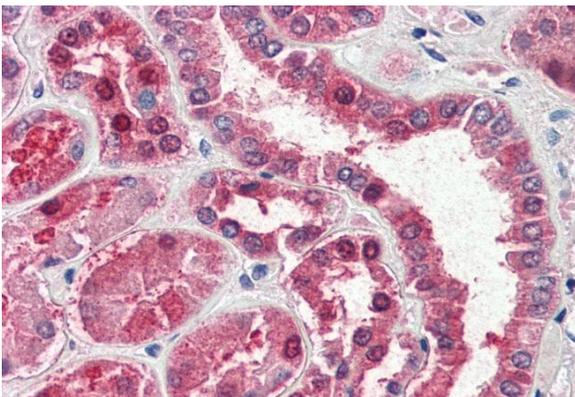
46 kDa

## Images



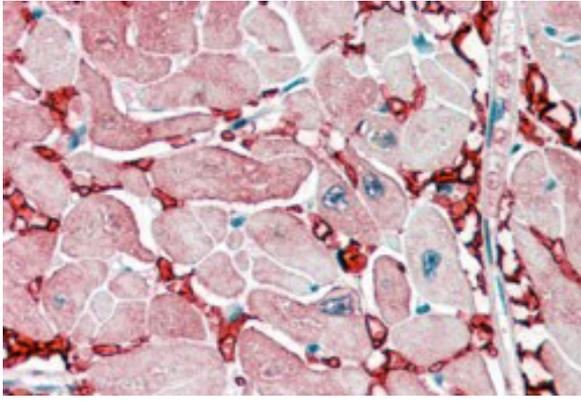
ARG64412 anti-Aspartate Aminotransferase antibody WB image

Western blot: 35 µg of Human Liver lysate stained with ARG64412 anti-Aspartate Aminotransferase antibody at 0.01 µg/ml dilution.



ARG64412 anti-Aspartate Aminotransferase antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64412 anti-Aspartate Aminotransferase antibody at 5 µg/ml dilution followed by AP-staining.



ARG64412 anti-Aspartate Aminotransferase antibody IHC image

Immunohistochemistry: paraffin-embedded Human Heart (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64412 anti-Aspartate Aminotransferase antibody at 2.5  $\mu$ g/ml dilution, followed by AP-staining.