

Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody
Alanine Transaminase Antibody
Catalog # ASR4805**Specification****Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Product Information**

Host	Sheep
Conjugate	Unconjugated
Target Species	Swine
Reactivity	Pig
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Alanine Transaminase antibody has been tested by western blot and is suitable to be assayed against 1.0 ug of Alanine Transaminase [Pig Heart] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Alanine Transaminase (ALT) [Pig Heart]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Preservative	0.01% (w/v) Sodium Azide

Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Additional Information**Other Names**

2875

Purity

Anti-ALANINE TRANSAMINASE is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum as well as purified and partially purified Alanine Transaminase [Pig Heart]. Cross reactivity against Alanine Transaminase from other sources is unknown.

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after

standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Protein Information

Name GPT

Synonyms AAT1, GPT1

Function

Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. Participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles (By similarity).

Cellular Location

Cytoplasm.

Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Images**Anti-ALANINE TRANSAMINASE (ALT) (SHEEP) Antibody - Background**

Alanine Transaminase catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate. It participates in cellular nitrogen metabolism and also in liver gluconeogenesis starting with precursors transported from skeletal muscles.