

Datasheet for ABIN95406 **anti-Aspartate Transaminase antibody**



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Overview

Quantity:	100 µg
Target:	Aspartate Transaminase (Ast)
Reactivity:	Pig
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Aspartate Transaminase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Anti-Aspartate Transaminase antibody was produced by repeated immunizations with Aspartate Transaminase from pig heart. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Cross reactivity against Aspartate Transaminase (AST) from other tissues and species may occur but have not been specifically determined.
Purity:	Anti-Aspartate 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 Aspartate Transaminase (AST) [Pig Heart].
Endotoxin Level:	Low Endotoxin : No

Target Details

Target:	Aspartate Transaminase (Ast)
Alternative Name:	Aspartate Transaminase (Ast Products)
Background:	<p>Anti-Aspartate Transaminase is detects Aspartate Transaminase. Aspartate Transaminase is a pyridoxal phosphate (PLP)-dependent transaminase enzyme. AST catalyzes the reversible transfer of an α-amino group between aspartate and glutamate and, as such, is an important enzyme in amino acid metabolism. Anti-Aspartate Transaminase antibody is ideal for investigators involved in Cell Signaling, cellular biology and Signal Transduction research.</p> <p>Synonyms: Aspartate aminotransferase 1 antibody, Aspartate aminotransferase cytoplasmic antibody, Aspartate aminotransferase cytosolic antibody, ec 2.6.1.1 antibody, GIG 18 antibody, GIG18 antibody, Glutamate oxaloacetate transaminase 1 antibody, AST</p>
Gene ID:	396967
UniProt:	P00503

Application Details

Application Notes:	<p>Anti-Aspartate Transaminase is suitable for western blotting and for ELISA. Researchers should determine optimal titers for applications that are not stated below.</p> <p>ELISA Dilution: 1:5.000 - 1:25.000</p> <p>Western Blot Dilution: 1:500 - 1:3.000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 μ L). To minimize loss of volume dilute 1:10 by adding 225 μ L of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Expiry Date:	Expiration date is one (1) year from date of opening.