

# HRP Anti-Aspartate Aminotransferase antibody ab34621

### Overview

<b>Product name</b>	HRP Anti-Aspartate Aminotransferase antibody
<b>Description</b>	HRP Sheep polyclonal to Aspartate Aminotransferase
<b>Host species</b>	Sheep
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> Dot blot
<b>Species reactivity</b>	<b>Reacts with:</b> Pig
<b>Immunogen</b>	Aspartate Aminotransferase (from Pig Heart)
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 6.50</p> <p>Preservative: 0.01% Gentamicin sulphate</p> <p>Constituents: 1% BSA, 0.42% Tripotassium orthophosphate, 0.87% Sodium chloride</p>
<b>Purity</b>	IgG fraction
<b>Purification notes</b>	Purified from monospecific antiserum by a multistep process which includes delipidation, salt fractionation and ion exchange chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab34621 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Dot blot		

### Application notes

Dot: Use at an assay dependent dilution.

ELISA: 1/20,000 - 1/100,000. Assayed against 1.0 ug of Aspartate Aminotransferase (Pig Heart) in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature.

IM: Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Predicted molecular weight: 46 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

Plays a key role in amino acid metabolism.

### Sequence similarities

Belongs to the class-I pyridoxal-phosphate-dependent aminotransferase family.

### Cellular localization

Cytoplasm.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors