

## Product datasheet

# Anti-GST antibody (Alkaline Phosphatase) ab34728

### Overview

<b>Product name</b>	Anti-GST antibody (Alkaline Phosphatase)
<b>Description</b>	Goat polyclonal to GST (Alkaline Phosphatase)
<b>Host species</b>	Goat
<b>Conjugation</b>	Alkaline Phosphatase
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, Dot blot, WB, IP, Conjugation
<b>Species reactivity</b>	Reacts with Schistosoma japonicum. Not yet tested in other species.
<b>Immunogen</b>	Glutathione-S-Transferase (Schistosoma japonicum)

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: 50% Glycerol, 10mg/ml BSA, 0.15M Sodium chloride, 0.05M Tris HCl, 1mM Magnesium chloride, 0.1mM Zinc chloride, pH 8
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab34728 underwent solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the storage buffer, after chromatographic step.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab34728** 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
ELISA		
Dot blot		

Application	Abreviews	Notes
WB		
IP		
Conjugation		

#### Application notes

Conjugation: Use at an assay dependent dilution.  
 Dot: Use at an assay dependent dilution.  
 ELISA: 1/500 - 1/2,000. Assayed against 1.0 µg of Glutathione-S-Transferase (*Schistosoma japonicum*) in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature.  
 IP: Use at an assay dependent dilution.  
 WB: Use at an assay dependent dilution. Predicted molecular weight: 26 kDa.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

#### Target

##### Relevance

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

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