

Datasheet for ABIN7435580

**anti-Glutathione Synthetase antibody (AA 268-474)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Glutathione Synthetase (GSS)
Binding Specificity:	AA 268-474
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutathione Synthetase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Glutathione Synthetase (GSS)
Immunogen:	Recombinant Glutathione Synthetase (GSS) corresponding to Asp268~Val474 (Accession # P48637)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GSS. It has been selected for its ability to recognize GSS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

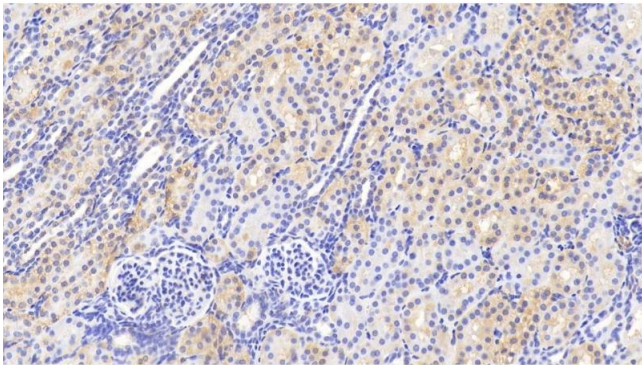
Target:	Glutathione Synthetase (GSS)
Alternative Name:	Glutathione Synthetase ( <a href="#">GSS Products</a> )
Background:	Glutathione synthase
Pathways:	<a href="#">Warburg Effect</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

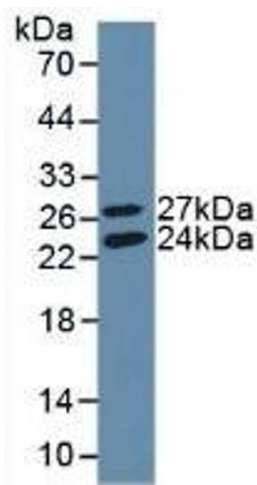
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Immunohistochemistry

**Image 1.** Detection of GSS in Human Kidney Tissue using Polyclonal Antibody to Glutathione Synthetase (GSS)



#### Western Blotting

**Image 2.** Detection of Recombinant GSS, Human using Polyclonal Antibody to Glutathione Synthetase (GSS)