

Datasheet for ABIN7599017  
**anti-GLOD5 antibody (AA 1-160)**



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## Overview

Quantity:	100 µg
Target:	GLOD5
Binding Specificity:	AA 1-160
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLOD5 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Purpose:	Anti-GLOD5 Antibody Picoband®
Immunogen:	E.coli-derived human GLOD5 recombinant protein (Position: M1-S160). Human GLOD5 shares 82.6% amino acid (aa) sequence identity with mouse GLOD5.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-GLOD5 Antibody Picoband® (ABIN7599017). Tested in WB, IHC, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	GLOD5
Alternative Name:	GLOD5 ( <a href="#">GLOD5 Products</a> )
Background:	Synonyms: GLOD5, Glyoxalase domain-containing protein 5 Background: This gene encodes a protein with a glyoxalase domain.
Molecular Weight:	16 kDa
Gene ID:	392465

## Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10 <sup>6</sup> cells, Human ELISA, 0.1-0.5 µg/mL 1. Farrera, D. O., Galligan, J. J. The human glyoxalase gene family in health and disease. Chem. Res. Toxicol. 35: 1766-1776, 2022.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.