

Datasheet for ABIN7101432  
**anti-HGD antibody**



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1 Image

### Overview

Quantity:	20 µL
Target:	HGD
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HGD antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	A synthesized peptide derived from human HGD.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	HGD
Alternative Name:	HGD ( <a href="#">HGD Products</a> )
Background:	This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause

## Target Details

of the autosomal recessive metabolism disorder alkaptonuria.,HGD, AKU, HGO, homogentisate 1,2-dioxygenase,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,HGD

Molecular Weight: 48 kDa

Gene ID: 3081

UniProt: [Q93099](#)

## Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

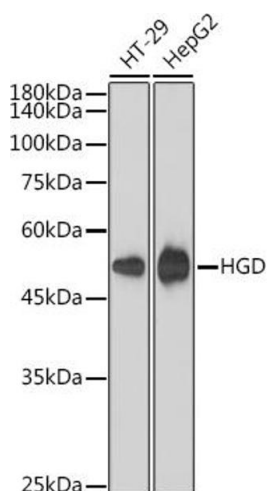
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using HGD antibody (ABIN1680529, ABIN7101432, ABIN7101433 and ABIN7101434) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.