

Datasheet for ABIN7101434
anti-HGD antibody



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1 Image

Overview

Quantity:	500 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 (HGD Products)
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

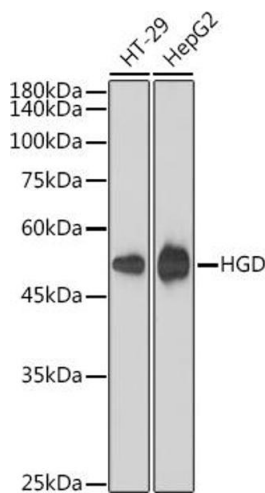
Application Details

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.