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Datasheet for ABIN7300734 anti-GCLM antibody (Center)

2 Images



Overview

Quantity:	100 μL
Target:	GCLM
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCLM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GCLM.
Specificity:	Recognizes endogenous levels of GCLM protein.
Characteristics:	Rabbit polyclonal antibody to GCLM
Purification:	The antibody was purified by immunogen affinity chromatography.

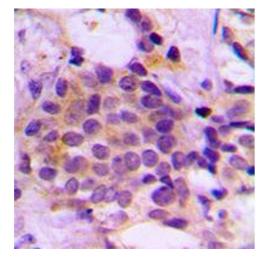
Target Details

Target:	GCLM
Alternative Name:	GCLM (GCLM Products)
Background:	GLCLR, Glutamatecysteine ligase regulatory subunit, GCS light chain, Gamma-ECS regulatory

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Target Details	
	subunit, Gamma-glutamylcysteine synthetase regulatory subunit, Glutamatecysteine ligase modifier subunit
Gene ID:	2730, 14630, 29739
UniProt:	P48507, 009172, P48508
Application Details	
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

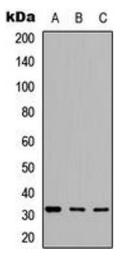
Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of GCLM staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with

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haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of GCLM expression in SHSY5Y (A), HeLa (B), 3T3 (C) whole cell lysates.

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