

Product Datasheet

GCLM Antibody - BSA Free

NBP1-33405

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33405

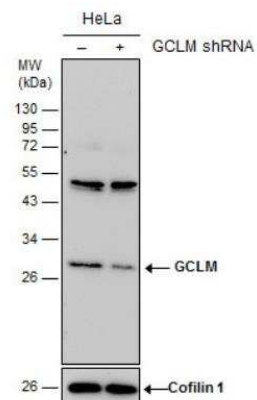
GCLM Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	31 kDa
Product Description	
Host	Rabbit
Gene ID	2730
Gene Symbol	GCLM
Species	Human
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human GCLM. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

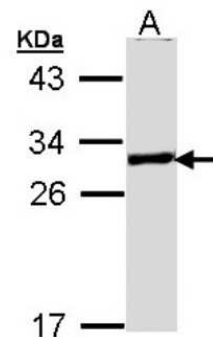


Images

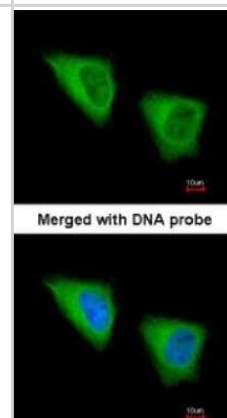
Western Blot: GCLM Antibody [NBP1-33405] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with GCLM antibody [N1N3]. HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



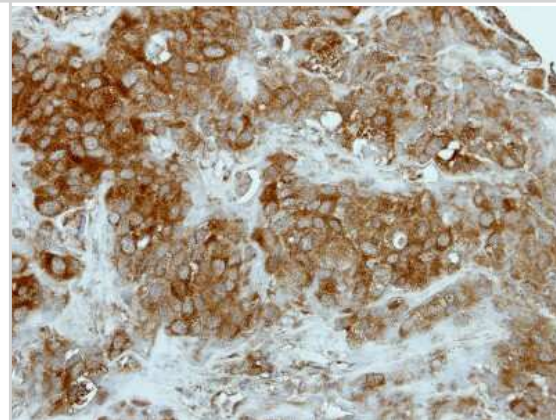
Western Blot: GCLM Antibody [NBP1-33405] - Sample (30 ug of whole cell lysate) A: H1299 12% SDS PAGE; antibody diluted at 1:5000.



Immunocytochemistry/Immunofluorescence: GCLM Antibody [NBP1-33405] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



Immunohistochemistry-Paraffin: GCLM Antibody [NBP1-33405] - BT474 xenograft, using GCLM antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Publications

Souter P, Vaughan J, Butcher K, Dowle A et Al. Identification of mesenchymal stromal cell survival responses to antimicrobial silver ion concentrations released from orthopaedic implants Sci Rep 2020-11-04 [PMID: 33144664]

Cao JY, Poddar A, Magtanong L et al. A Genome-wide Haploid Genetic Screen Identifies Regulators of Glutathione Abundance and Ferroptosis Sensitivity Cell Rep 2019-02-05 [PMID: 30726737] (WB, Human)

Lu H Samanta D Xiang L et al. Chemotherapy triggers HIF-1-dependent glutathione synthesis and copper chelation that induces the breast cancer stem cell phenotype. Proc Natl Acad Sci U S A. 2015-07-30 [PMID: 26229077] (WB, Human)





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Products Related to NBP1-33405

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-98869-100ug	Recombinant Human GCLM His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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