

Datasheet for 600-401-BK8**GHDC Antibody****Overview**

Description:	Anti-GHDC (RABBIT) Antibody - 600-401-BK8
Item No.:	600-401-BK8
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	GHDC, also known as LGP1, is a GH3 domain-containing protein that is highly expressed in normal mammary tissues and mammary tumors. GHDC is primarily located in the nuclear envelope. In mouse, its gene is located on chromosome 11 adjacent to the STAT3/5 locus. Little is known of the function of this protein.
Synonyms:	GHDC Antibody, LGP1, D11LGP1, D11LGP1E, LGP1, GH3 domain-containing protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	GHDC
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- GHDC antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the N-terminus of human GHDC.
Purity/Specificity:	Anti-GHDC Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms are known to exist.
Relevant Links:	• UniProtKB - Q8N2G8

- [GeneID - 84514](#)
- [NCBI - NP_115873](#)

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-GHDC Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 58 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5000 - 1:10000
IF:	20 µg/mL
WB:	0.5-1 µg/mL

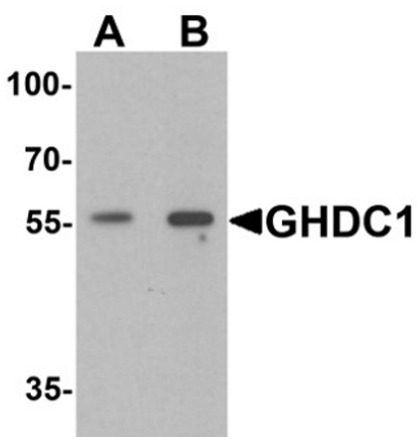
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

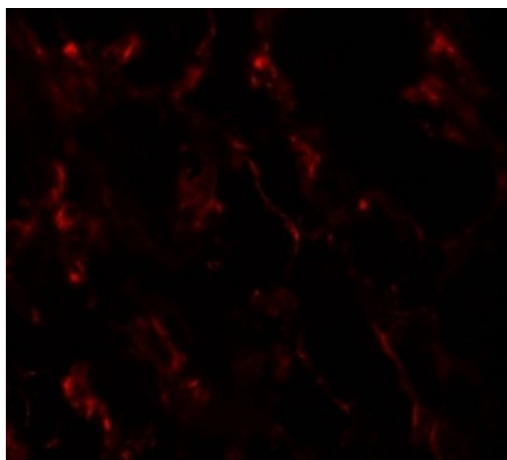
Images

**Western Blot**

Western blot analysis of GHDC.

Load: 293 cell lysates.

Primary Antibody: GHDC antibody at (A) 0.5 and (B) 1 μ g/mL.

**Immunofluorescence Microscopy**

Immunofluorescence of GHDC.

Tissue: human breast tissue.

Primary Antibody: GHDC antibody at 20 μ g/mL.

Disclaimer

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