

Datasheet for ABIN2785145
anti-ZG16 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ZG16
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ZG16
Sequence:	WSDYVGGRNG DLEEFLHPG ESVIQVSGKY KWYLKKLVFV TDKGRYLSFG
Predicted Reactivity:	Cow: 79%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ZG16. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ZG16
Alternative Name:	ZG16 (ZG16 Products)
Background:	ZG16 may act as a linker molecule between the submembranous matrix on the luminal side of

Target Details

zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN.

Alias Symbols: MGC34820, JCLN, JCLN1, ZG16A, hZG16

Protein Size: 167

Molecular Weight: 18 kDa

Gene ID: 123887

NCBI Accession: [NM_152338](#), [NP_689551](#)

UniProt: [O60844](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 167 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-ZG16 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human brain