

## Datasheet for ABIN2783685 anti-PRIM2 antibody (Middle Region)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	PRIM2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRIM2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PRIM2
Sequence:	QDFLKDSQLQ FEAISDEEKT LREQEIVASS PSLSGLKLGF KSIYKPPFAS
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PRIM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

#### Target Details

Target:	PRIM2
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## Target Details

Alternative Name:	PRIM2 ( <a href="#">PRIM2 Products</a> )
Background:	<p>The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication.</p> <p>Alias Symbols: RP3-401D24.1, MGC75142, PRIM2A, p58</p> <p>Protein Interaction Partner: FAM96B, CIAO1, UBC, NEDD8, POLA2, KDM1A, SUV39H1, POLA1, MMS19, PRIM1, ELAVL1, SUMO2, RAE1,</p> <p>Protein Size: 340</p>
Molecular Weight:	37 kDa
Gene ID:	5558
UniProt:	<a href="#">Q5JU42</a>
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 340 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

Handling

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.

Images



Western Blotting

**Image 1.** WB Suggested Anti-PRIM2 Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that PRIM2 is expressed in HepG2