

Datasheet for ABIN5596951
anti-MORC3 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MORC3
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Morc3 Antibody
Immunogen:	Immunogen: Morc3 whole rabbit serum was prepared by repeated immunizations with a mouse Morc3 recombinant protein. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	The antibody is specific for mouse Morc3 in expressed cell lysates.
Characteristics:	Synonyms: rabbit anti-Morc3 Antibody, MORC family CW-type zinc finger protein 3, Protein microrchidia, Morc antibody
Purification:	Morc3 antibody was prepared from monospecific antiserum by delipidation and defibrination.
Sterility:	Sterile filtered

Target Details

Target:	MORC3
Alternative Name:	Morc3 (MORC3 Products)

Target Details

Background:	Background: The Morc (microorchidia) family of proteins are ATPases of the GHKL family. They have been implicated in transcriptional repression of genes and transposons, and higher order organization of DNA within the nucleus. Morc antibodies are ideal for researchers interested in Epigenetics, Cancer, and Cell cycle research.
Gene ID:	338467
NCBI Accession:	NP_001038994
UniProt:	Q6A0C2
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	<p>Application Note: Anti-Morc3 Antibody is tested for use in Western Blot and suitable for ChIP and IF. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 110.8 kDa in size corresponding Morc3 by western blotting in the appropriate cell lysate or extract.</p> <p>Western Blot Dilution: 1:1000-1:5000</p> <p>ELISA Dilution: 1:10,000-1:50,000</p>
Restrictions:	For Research Use only

Handling

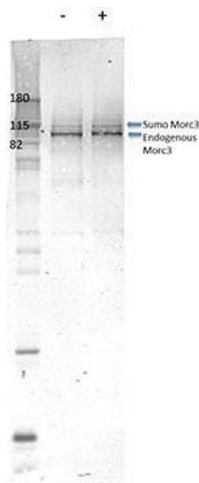
Format:	Liquid
Concentration:	80 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	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

Handling

liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western Blot of Rabbit Anti-Morc3 antibody. Lane 1: C-Flag murine embryonic stem cells. Lane 2: C-Flag murine embryonic stem cells doxycycline induced. Load: 35 µg per lane. Primary antibody: mMorc3 antibody at 1:1000 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 110 kDa for mouse Morc3. Other band(s): Sumoylated Morc runs higher.