



## Rabbit Anti-phospho-ZCWCC1

SL10016R-FITC

<b>Product Name:</b>	Anti-phospho-ZCWCC1 (Ser739)/FITC
<b>Chinese Name:</b>	FITC标记的磷酸化ZCWCC1抗体
<b>Alias:</b>	AC004542.C22.1.; p-MORC2(Ser739); phospho-ZCWCC1(Ser739); CW type with coiled coil domain 1; KIAA0852; ZCW3; ZCWCC1; Zinc finger; Zinc finger CW type coiled coil domain protein 1; Zinc finger CW type with coiled coil domain 1; Zing finger CW type 3 zinc finger CW-type coiled-coil domain protein 1; MORC family CW-type zine finger 2; MORC2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ICC=1:50-200IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	114kDa
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human MORC2 around the phosphorylation site of Ser739
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail:</b>	<b>background:</b> The CW domain is a structural module found in many vertebrate, parasitic and plant proteins. It consists of a mononuclear four-cysteine zinc-finger domain that plays a role in DNA binding, chromatin methylation and early embryonic development. ZCWCC1

(zinc finger CW-type coiled-coil domain protein 1), also known as MORC2 (MORC family CW-type zinc finger protein 2) or ZCW3, is a 1,032 amino acid protein that contains one CW-type zinc finger domain. ZCWCC1 is located on chromosome 22 and is ubiquitously expressed with highest expression in pancreas, smooth muscle and testis. Expression of ZCWCC1 is upregulated in hypoxia, a pathological condition characterized by an inadequate supply of oxygen in the blood.

**Function:**

May act as a transcriptional repressor. Down-regulates CA9 expression.

**Subunit:**

Interacts with HDAC4.

**Subcellular Location:**

Nucleus. Cytoplasm, cytosol. Note=Mainly located in the nucleus.

**Tissue Specificity:**

Highly expressed in smooth muscle, pancreas and testis.

**Similarity:**

Contains 1 CW-type zinc finger.

**Database links:**

UniProtKB/Swiss-Prot: Q9Y6X9.

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.