

Product datasheet for **TA365169**

ZCWCC1 (MORC2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A172, HeLa, 293T and 231 cell lysates IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MORC2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	118 kDa
Gene Name:	MORC family CW-type zinc finger 2
Database Link:	Entrez Gene 22880 Human Q9Y6X9



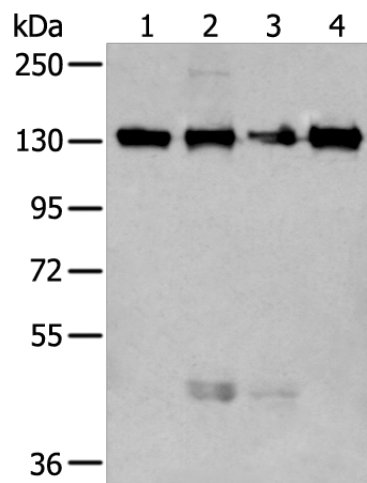
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Background:

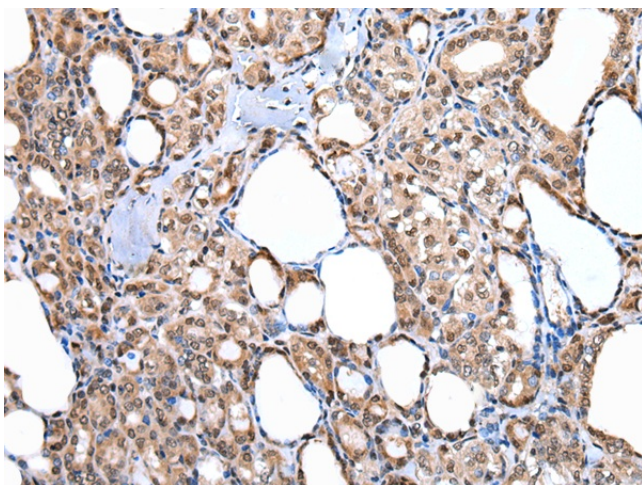
The CW domain is a structural module found in many vertebrate, parasitic and plant proteins. It consists of a mononuclear four-cysteine zinc-finger domain that plays a role in DNA binding, chromatin methylation and early embryonic development. ZCWCC1 (zinc finger CW-type coiled-coil domain protein 1), 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.

Synonyms:

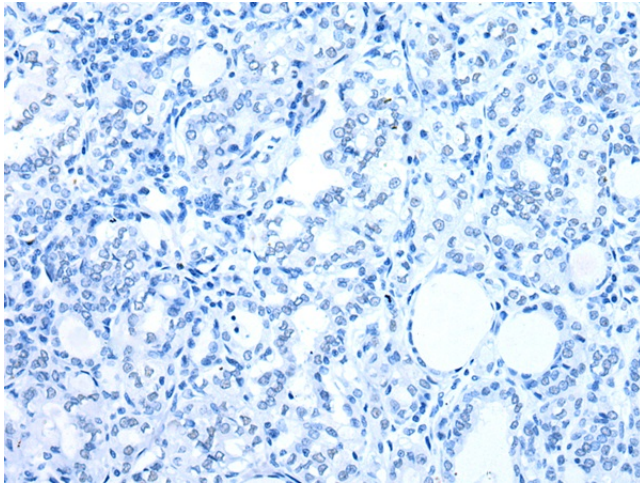
AC004542.C22.1; KIAA0852; ZCW3; ZCWCC1

Product images:


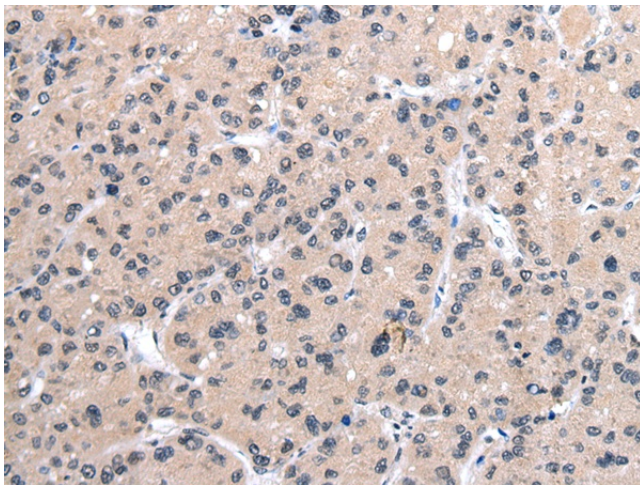
Gel: 6%SDS-PAGE
 Lysate: 40 µg
 Lane 1-4: A172
 HeLa
 293T and 231 cell lysates
 Primary antibody: TA365169 (MORC2 Antibody)
 at dilution 1/250
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution
 Exposure time: 20 seconds



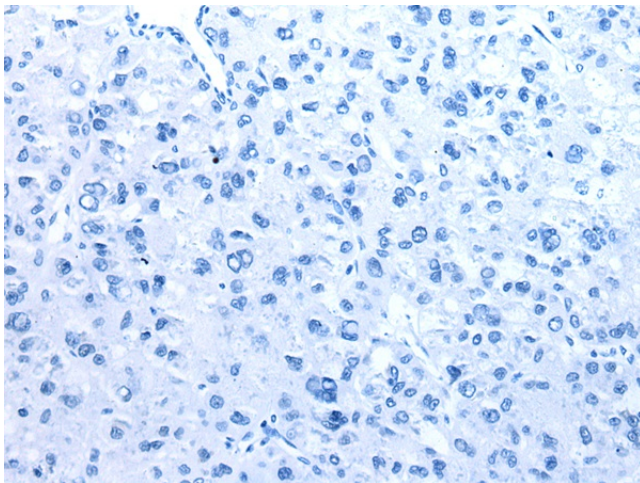
Immunohistochemistry of paraffin-embedded
 Human thyroid cancer tissue using TA365169
 (MORC2 Antibody) at dilution 1/20 (Original
 magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365169 (MORC2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365169 (MORC2 Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365169 (MORC2 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: x200)