

Rabbit MORC3 Polyclonal Antibody | anti-MORC3 antibody

Anti-MORC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125482	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MORC3; Polyclonal Antibody; Anti-MORC3 Antibody; MORC family CW-type zinc finger protein 3; Nuclear matrix protein 2; Zinc finger CW-type coiled-coil domain protein 3; KIAA0136; NXP2; ZCWCC3; anti-MORC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	939
Applicable Applications for anti-MORC3 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human MORC3 (ESLKLRLSRVNVGQLLAMIVPDLDLQQVNYDVD).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

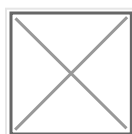
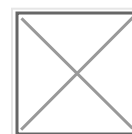
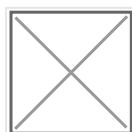
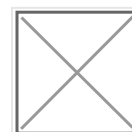

WB (Western Blot)

Figure 1. Western blot analysis of MORC3 using anti-MORC3 antibody.


IHC (Immunohistochemistry)

IHC (Immunohistochemistry)

IF (Immunofluorescence)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-MORC3 antibody	Description: Rabbit IgG polyclonal antibody for MORC3 detection. Tested with WB, IHC-P, ICC/IF, FCM in Human; Mouse; Rat. Background: MORC family CW-type zinc finger protein 3 is a protein that in humans is encoded by the MORC3 gene. This gene is mapped to 21q22.12. This gene encodes a protein that localizes to the nuclear matrix and forms nuclear bodies via an ATP-dependent mechanism. The protein is predicted to have coiled-coil and zinc finger domains and has RNA binding activity. Alternative splicing produces multiple transcript variants encoding distinct isoforms.
References	1. Kimura, Y., Sakai, F., Nakano, O., Kisaki, O., Sugimoto, H., Sawamura, T., Sadano, H., Osumi, T. The newly identified human nuclear protein NXP-2 possesses three distinct domains, the nuclear matrix-binding, RNA-binding, and coiled-coil domains. J. Biol. Chem. 277: 20611-20617, 2002. 2. Nagase, T., Seki, N., Tanaka, A., Ishikawa, K., Nomura, N. Prediction of the coding sequences of unidentified human genes. IV. The coding sequences of 40 new genes (KIAA0121-KIAA0160) deduced by analysis of cDNA clones from human cell line KG-1. DNA Res. 2: 167-174, 1995.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872812
NCBI GeneID	23515
NCBI Accession #	NP_056173.1
NCBI GenBank Nucleotide #	NP_056173.1
UniProt Accession #	Q14149
NCBI Official Full Name	MORC family CW-type zinc finger protein 3 isoform 1
NCBI Official Synonym Full Names	MORC family CW-type zinc finger 3
NCBI Official Symbol	MORC3
NCBI Official Synonym Symbols	NXP2; ZCW5; ZCWCC3
NCBI Protein Information	MORC family CW-type zinc finger protein 3
UniProt Protein Name	MORC family CW-type zinc finger protein 3
UniProt Gene Name	MORC3
UniProt Synonym Gene Names	KIAA0136; ZCWCC3
UniProt Entry Name	MORC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.