

ZSWIM7 蛋白抗体

产品货号： mlR18568

英文名称： ZSWIM7

中文名称： ZSWIM7 蛋白抗体

别名： SWIM domain-containing and Srs2-interacting protein 1 homolog; SWIM domain-containing Srs2-interacting protein 1; SWIM-type zinc finger domain-containing protein 7; SWS1; Zinc finger SWIM domain-containing protein 7; Zinc finger, SWIM-type containing 7; zswim7; ZSWIM7_HUMAN.

研究领域： 细胞生物 锌指蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 15kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human ZSWIM7:21-120/140

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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.

PubMed： PubMed

产品介绍： ZSWIM7 is a 140 amino acid nuclear protein that contains a SWIM-type zinc finger and belongs to the SWS1 family. ZSWIM7 interacts with Rad51D, and plays a role in the early stages of the homologous recombination repair (HRR) pathway that occurs during double-stranded DNA breaks. The gene encoding ZSWIM7 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Function:

Involved in early stages of the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the SWS1 family.

Contains 1 SWIM-type zinc finger.

SWISS:

Q19AV6

Gene ID:

125150

Important Note:

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