

乳腺癌、胃癌抗原 GA55 抗体

产品货号： mlR7939

英文名称： TACC1

中文名称： 乳腺癌、胃癌抗原 GA55 抗体

别名： Ga 55; Ga55; Gastric cancer antigen Ga 55; Gastric cancer antigen Ga55; KIAA1103; TACC 1; Taxin 1; Taxin1; transforming acidic coiled coil containing protein 1; DKFZp686K18126; TACC1_HUMAN.

研究领域： 细胞生物 细胞周期蛋白 细胞分化 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：90kDa

细胞定位：细胞核 细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human TACC1:588-680/805

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：TACC1 is one of three TACC family members, which are thought to be involved in breast tumorigenesis. TACC1 is located on 8p11 chromosomal region that is amplified in approximately 15% of all breast

tumor samples. The short arm of chromosome 8 also contains FGFR1 whose expression is enhanced in most breast cancer tumors. TACC family members, TACC1, TACC2, and TACC3, map very closely to the corresponding FGFR1, FGFR2, FGFR3 genes on chromosomes 8, 10, and 4. Subsequently, since they are phylogenetically related, it is proposed that TACC and FGFR have similar roles in cell growth and differentiation. Also, TACC1 contains a conserved C-terminal region as in the Drosophila homolog, D-TACC. It has been shown that D-TACC is necessary for normal spindle function, and the mammalian TACC proteins appears to interact with centrosomes and microtubules in a similar manner

Subunit:

Interacts with KIAA0097/CH-TOG and with the oncogenic transcription factor YEATS4. Interacts with AURKA, AURKB and AURKC. Interacts with LSM7, TDRD7 and SNRPG. Interacts with GCN5L2 and PCAF.

Subcellular Location:

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, centrosome. Note=Nucleus during interphase. Weakly concentrated at centrosomes during mitosis and colocalizes with AURKC at the midbody during cytokinesis.

Tissue Specificity:

Isoform 1, isoform 3 and isoform 5 are ubiquitous. Isoform 2 is strongly expressed in the brain, weakly detectable in lung and colon, and overexpressed in gastric cancer. Isoform 4 is not detected in normal tissues, but strong expression was found in gastric cancer tissues. Down-regulated in a subset of cases of breast cancer.

Similarity:

Belongs to the TACC family.

Contains 2 SPAZ (Ser/Pro-rich AZU-1) domains.

SWISS:

O75410

Gene ID:

6867

Important Note:

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