

产品名称: TACC1 Rabbit Polyclonal Antibody
产品货号: APRab18599



产品概述 (Summary)

产品名称 (Production Name)	TACC1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TACC1
别名 (Alternative Names)	TACC1; KIAA1103; Transforming acidic coiled-coil-containing protein 1; Gastric cancer antigen Ga55; Taxin-1
基因 ID (Gene ID)	6867.0
蛋白 ID (SwissProt ID)	O75410.The antiserum was produced against synthesized peptide derived from human TACC1. AA range:11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	87kDa

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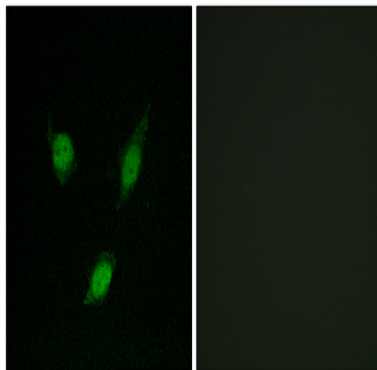
研究背景 (Background)

This locus may represent a breast cancer candidate gene. It is located close to FGFR1 on a region of chromosome 8 that is amplified in some breast cancers. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2009], alternative products: Additional isoforms seem to exist, developmental stage: Expressed at high level during early embryogenesis, function: Likely involved in the processes that promote cell division prior to the formation of differentiated tissues, miscellaneous: Down-regulated in a subset of cases of breast cancer, PTM: Isoform 1 is heavily phosphorylated; isoform 6 is not. Phosphorylated upon DNA damage, probably by ATM or ATR, similarity: Belongs to the TACC family, similarity: Contains 2 SPAZ (Ser/Pro-rich AZU-1) domains, subcellular location: Nucleus during interphase. Weakly concentrated at centrosomes during mitosis, subunit: Interacts with KIAA0097/CH-TOG and with the oncogenic transcription factor YEATS4. Interacts with the Aurora kinases A and B (STK6 and AURKB). Interacts with LSM7, TDRD7 and SNRPG. Interacts with GCN5L2 and PCAF, 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,

研究领域 (Research Area)

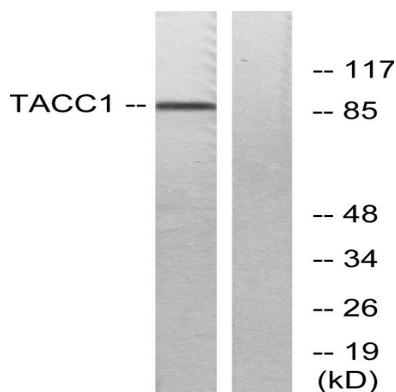
Cell Biology; Cell Cycle; Markers; Epigenetics and Nuclear Signaling; Cell Differentiation

图片 (Image Data)

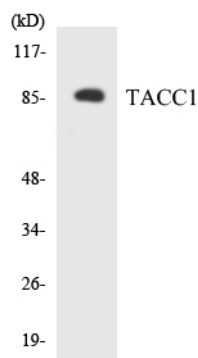


Immunofluorescence analysis of MCF7 cells, using TACC1 Antibody. The picture on the right is blocked with the synthesized peptide.

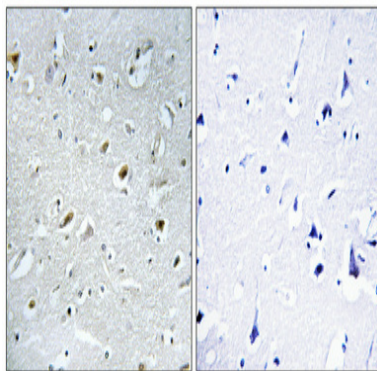
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Western blot analysis of lysates from K562 cells, using TACC1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using TACC1 antibody.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .