Product name:	TACC1 Rabbit Polyclonal Antibody
Cat number:	ABN18599
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human TACC1. AA range:11-60
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	87kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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.,