

**TACC3 (Phospho Ser558) rabbit pAb**

<b>Catalog No :</b>	YP1521
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB
<b>Target :</b>	TACC3
<b>Gene Name :</b>	TACC3 ERIC1
<b>Protein Name :</b>	TACC3 (Ser558)
<b>Human Gene Id :</b>	10460
<b>Human Swiss Prot No :</b>	Q9Y6A5
<b>Mouse Swiss Prot No :</b>	Q9JJ11
<b>Immunogen :</b>	Synthesized phospho peptide around human TACC3 (Ser558)
<b>Specificity :</b>	This antibody detects endogenous levels of Human TACC3 (phospho-Ser558)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	80kD

**Background :** This gene encodes a member of the transforming acidic coiled-coil protein family. The encoded protein is a motor spindle protein that may play a role in stabilization of the mitotic spindle. This protein may also play a role in growth and differentiation of certain cancer cells. [provided by RefSeq, Nov 2011],

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**Function :** function:Plays a role in the microtubule-dependent coupling of the nucleus and the centrosome. Involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors (By similarity). May be involved in the control of cell growth and differentiation. May contribute to cancer.,induction:Up-regulated in various cancer cell lines.,similarity:Belongs to the TACC family.,subunit:Interacts with microtubules. Interacts with CCDC100/CEP120. The coiled coil C-terminus region interacts with AH receptor nuclear translocator protein (ARNT) and ARNT2 (By similarity). Interacts with GCN5L2 and PCAF.,

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**Subcellular Location :** Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, spindle pole . In complex with CKAP5 localized to microtubule plus-ends in mitosis and interphase. In complex with CKAP5 and clathrin localized to inter-microtubule bridges in mitotic spindles. .

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**Expression :** Epithelium,PCR rescued clones,Skin,

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