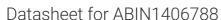
# antibodies -online.com





## anti-TANC1 antibody (AA 31-130) (Cy5)



Go to Product page

( )	1/0	r\ /1	014	
( )	ve	I V I	-v	V

Quantity:	100 μL
Target:	TANC1
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANC1 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human TANC1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### **Target Details**

Target:	TANC1	
Alternative Name:	TANC1 (TANC1 Products)	
Background:	Synonyms: ROLSB, Protein TANC1, Rolling pebbles homolog B, TANC, Tanc1, TANC1_HUMAN	

Tetratricopeptide repeat ankyrin repeat and coiled coil containing 1, Tetratricopeptide repeat ankyrin repeat and coiled coil domain containing protein 1, TPR domain ankyrin repeat and coiled coil containing.

Background: TANC (tetratricopeptide repeat, ankyrin repeat and coiled-coil domain-containing protein), also known as TANC1, is a 1,861 amino acid postsynaptic cell membrane protein that contains eleven ANK repeats, three TPR repeats and belongs to the TANC family. Considered a scaffolding component in the postsynaptic density, TANC interacts with TNIK, SAPAP1, Alphainternexin, CaMKII, NMDA 2 and GluR-1. It is also thought that TANC interacts directly with SAP 97, PSD-95 and Homer. Upon stimulation by Rap 2, MINK1 and TNIK may phosphorylate TANC. The TANC gene encodes two alternatively spliced isoforms, contains approximately 264,025 bases and maps to human chromosome 2q24.2. Making up approximately 8 % of the human genome, chromosome 2 consists of 237 million bases and encodes over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin icthyosis, sitosterolemia and Alstr syndrome.

#### **Application Details**

Application Notes:

**Expiry Date:** 

	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	

IF(IHC-P) 1:50-200

12 months