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Datasheet for ABIN1385146
anti-TANC1 antibody (AA 31-130)

Overview

Quantity:	100 µL
Target:	TANC1
Binding Specificity:	AA 31-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TANC1 antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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)

Target Details

Background:	<p>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.</p> <p>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, Alpha-interneixin, 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 ichthyosis, sitosterolemia and Alstr syndrome.</p>
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Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months