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Datasheet for ABIN6989022
anti-TTC3 antibody (AA 251-350)

Overview

Quantity:	100 µL
Target:	TTC3
Binding Specificity:	AA 251-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC3 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RNF105
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	TTC3
Alternative Name:	RNF105 (TTC3 Products)
Background:	Synonyms: DCRR1, E3 ubiquitin protein ligase TTC3, E3 ubiquitin-protein ligase TTC3, Protein

Target Details

DCRR1, RING finger protein 105, Tetratricopeptide repeat protein 3 (TPR repeat protein D), Tetratricopeptide repeat protein 3, TPR repeat protein 3, TPR repeat protein D, TPRD, TPRDI, TPRDII, TPRDIII, TTC3, TTC3_HUMAN.

Background: E3 ubiquitin-protein ligase that mediates the ubiquitination and subsequent degradation of phosphorylated Akt (AKT1, AKT2 and AKT3) in the nucleus. Acts as a terminal regulator of Akt signaling after activation, its phosphorylation by Akt, which is a prerequisite for ubiquitin ligase activity, suggests the existence of a regulation mechanism required to control Akt levels after activation. Catalyzes the formation of 'Lys-48'-polyubiquitin chains. May play a role in neuronal differentiation inhibition via its interaction with CIT.

Gene ID: 7267

UniProt: [P53804](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

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.

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