

[Go to Product page](#)

Datasheet for ABIN347721 **anti-TTC3 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	TTC3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide derived from Cter domain of human TTC3
Isotype:	IgG
Specificity:	Reacts with human E3 ubiquitin-protein ligase TTC3
Purification:	Antiserum

Target Details

Target:	TTC3
Alternative Name:	E3 ubiquitin-protein ligase TTC3 (TTC3 Products)
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

Target Details

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.

UniProt: [P53804](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
IF(1:100 - 1:500) WB(1:500 - 1:5000)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Must be reconstituted in distilled water.

Storage: 4 °C/-20 °C

Storage Comment: Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 24 months