

Datasheet for ABIN2790934
anti-TTI2 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TTI2
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTI2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TTI2
Sequence:	THSLEQPWTT PRSREVAREV LTSLLQVTEC GSVAGFLHGE NEDEKGRLSV
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 75%, Horse: 100%, Human: 100%, Pig: 92%, Rabbit: 75%
Characteristics:	This is a rabbit polyclonal antibody against TTI2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TTI2
Alternative Name:	TTI2 (TTI2 Products)
Background:	TTI2 is a regulator of the DNA damage response (DDR). 'TTI2 is part of the TTT complex that is

Target Details

required to stabilize protein levels of the phosphatidylinositol 3-kinase-related protein kinase (PIKK) family proteins. The TTT complex is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), ultraviolet (UV) and mitomycin C (MMC). TTI2, together with the TTT complex and HSP90 may participate in the proper folding of newly synthesized PIKKs.

Alias Symbols: C8orf41

Protein Interaction Partner: FUS, UBC, SUMO1, NEDD8, EGFR, ELAVL1, RPAP3, PIH1D1, RUVBL2, TLO2, TTI1, RUVBL1, PRKDC, HSP90AA1, HSPA4,

Protein Size: 508

Molecular Weight: 56 kDa

Gene ID: 80185

NCBI Accession: [NM_025115](#), [NP_079391](#)

UniProt: [Q6NXR4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 508 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

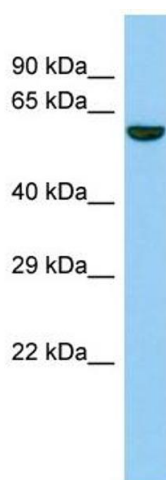
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: TTI2 Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml