

Datasheet for ABIN2774466  
**anti-TTDN1 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	TTDN1 (MPLKIP)
Binding Specificity:	Middle Region
Reactivity:	Human, Rabbit, Rat, Cow, Dog, Guinea Pig, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTDN1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human MPLKIP
Sequence:	PGGYPGSYSR SPAGSQQQFG YSPGQQQTHP QGSPRTSTPF GSGRVREKRM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MPLKIP. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	TTDN1 (MPLKIP)
Alternative Name:	MPLKIP ( <a href="#">MPLKIP Products</a> )
Background:	The protein encoded by this gene localizes to the centrosome during mitosis and to the

## Target Details

midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive trichothiodystrophy.

Alias Symbols: ABHS, C7orf11, ORF20

Protein Interaction Partner: MRPL53, SARNP, SUGP1, CDV3, RBM27, SBDS, SF3B4, PPIF, SCAMP3, SF1, THY1, SCP2, NDUFA7, SERPINH1,

Protein Size: 179

Molecular Weight: 20 kDa

Gene ID: 136647

NCBI Accession: [NM\\_138701](#), [NP\\_619646](#)

UniProt: [Q8TAP9](#)

## Application Details

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

Comment: Antigen size: 179 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: MPLKIP Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml