

[Go to Product page](#)

Datasheet for ABIN7453506 **anti-NPAT antibody (AA 700-750)**

Overview

Quantity:	100 µg
Target:	NPAT
Binding Specificity:	AA 700-750
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-NPAT Antibody, Affinity Purified
Immunogen:	between AA 700 and 750
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	NPAT
Alternative Name:	NPAT (NPAT Products)
Background:	Background: NPAT (nuclear protein of the ataxia telangiectasia mutated locus) is required for

Target Details

progression through the G1 and S phases of the cell cycle and for S phase entry. It activates transcription of the histone H2A, histone H2B, histone H3 and histone H4 genes in conjunction with MIZF. NPAT also positively regulates the ATM, MIZF and PRKDC promoters.

Transcriptional activation may be accomplished at least in part by the recruitment of the NuA4 histone acetyltransferase (HAT) complex to target gene promoters [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14207].

Gene ID: 4863

NCBI Accession: [NP_002510](https://www.ncbi.nlm.nih.gov/nuclot/NP_002510)

UniProt: [Q14207](https://www.uniprot.org/uniprot/Q14207)

Application Details

Application Notes: IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: Not recommended. Use rabbit anti-NPAT antibody ABIN7453485.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months