Datasheet for ABIN7150350

anti-TOPBP1 antibody (AA 1253-1522)

2 Images

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Overview

Quantity:	100 µL
Target:	TOPBP1
Binding Specificity:	AA 1253-1522
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOPBP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human DNA topoisomerase 2-binding protein 1 protein (1253-1522AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TOPBP1
Alternative Name:	TOPBP1 (TOPBP1 Products)
Background:	Background: Required for DNA replication. Plays a role in the rescue of stalled replication forks and checkpoint control. Binds double-stranded DNA breaks and nicks as well as single-stranded

Target Details

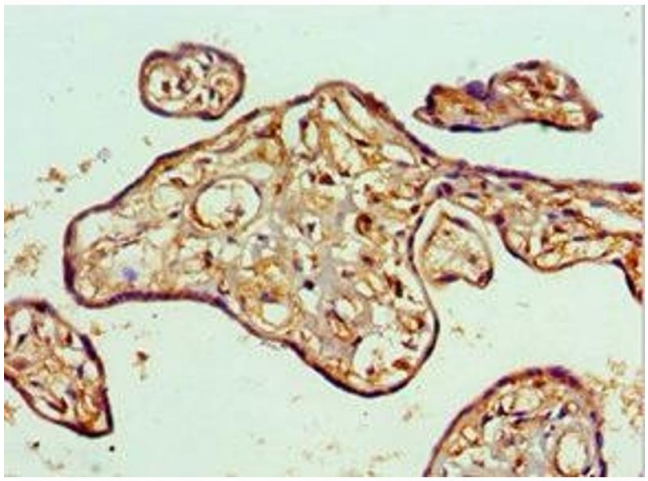
	DNA. Recruits the SWI/SNF chromatin remodeling complex to E2F1-responsive promoters. Down-regulates E2F1 activity and inhibits E2F1-dependent apoptosis during G1/S transition and after DNA damage. Induces a large increase in the kinase activity of ATR. Aliases: DNA topoisomerase 2 binding protein 1 antibody, DNA topoisomerase 2-binding protein 1 antibody, DNA topoisomerase II binding protein 1 antibody, DNA topoisomerase II binding protein antibody, DNA topoisomerase II-beta-binding protein 1 antibody, DNA topoisomerase II-binding protein 1 antibody, DNA topoisomerase IIbeta binding protein 1 antibody, Hypothetical protein KIAA0259 [Fragment] antibody, KIAA0259 antibody, TOP2BP1 antibody, TOPB1_HUMAN antibody, TOPBP 1 antibody, TopBP1 antibody, Topoisomerase (DNA) II binding protein 1 antibody, Topoisomerase II binding protein 1 antibody
UniProt:	Q92547
Pathways:	Chromatin Binding

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

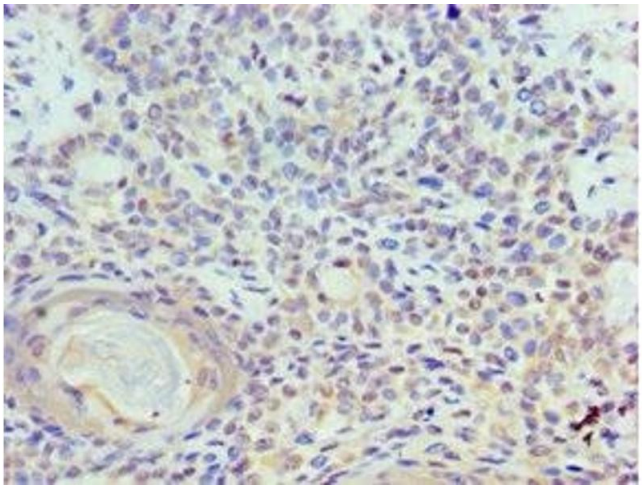
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7150350 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7150350 at dilution of 1:100

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