

Datasheet for ABIN7453638
anti-UHRF1 antibody (AA 275-325)



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Overview

Quantity:	20 µg
Target:	UHRF1
Binding Specificity:	AA 275-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UHRF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-NP95/UHRF1 Antibody, Affinity Purified
Immunogen:	between AA 275 and 325
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	UHRF1
Alternative Name:	NP95/UHRF1 (UHRF1 Products)
Background:	Background: NP95/UHRF1 was originally identified as ICBP90 (inverted CCAAT box-binding

Target Details

protein of 90 kDa) in a one-hybrid screen for proteins that bind the topoisomerase IIalpha gene promoter. NP95/UHRF1 is a heterochromatin binding protein that directly interacts with histones and has proposed roles in the DNA damage response, heterochromatin formation, and cell replication. Structurally, NP95/UHRF1 contains an ubiquitin-like domain (NIRF_N), a plant homeodomain (PHD), a SRA domain, and a RING domain. The RING domain imparts ubiquitin E3 ligase activity that is histone-specific. This E3 ligase activity is proposed to be important to tumor growth. NP95/UHRF1 expression begins in the G1/S phase and continues through mitosis. It has been shown to be required for entry from G1/G0 as well as the G1/S transition in some cell types. NP95/UHRF1 has been found to be part of the pericentric heterochromatin duplication body (pH DB) and involved in the replication and formation of heterochromatin.

Gene ID:	29128
NCBI Accession:	NP_001041666
UniProt:	Q96T88

Application Details

Application Notes:	IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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