

Datasheet for ABIN7448698
anti-UHRF1 antibody (AA 275-325)



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Overview

Quantity:	25 µg
Target:	UHRF1
Binding Specificity:	AA 275-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UHRF1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-NP95/UHRF1 IHC Antibody, Affinity Purified
Immunogen:	Between AA 275 and 325
Isotype:	IgG
Predicted Reactivity:	Orangutan,Monkey,Gorilla,Chimpanzee,Crab-eating macaque,White-tufted-ear marmoset,Northern white-cheeked gibbon
Purification:	Affinity Purified

Target Details

Target:	UHRF1
Alternative Name:	NP95/UHRF1 (UHRF1 Products)

Target Details

Background: Background: NP95/UHRF1 was originally identified as ICBP90 (inverted CCAAT box-binding protein of 90 kDa) in a one-hybrid screen for proteins that bind the topoisomerase II α 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: 1:100 - 1:500

Restrictions: For Research Use only

Handling

Concentration: 250 μ g/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