

UHRF1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09410
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human UHRF1.
Mol wt	89814
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	UHRF1 Antibody
Synonyms	UHRF1; ICBP90; NP95; RNF106; E3 ubiquitin-protein ligase UHRF1; Inverted CCAAT box-binding protein of 90 kDa; Nuclear protein 95; Nuclear zinc finger protein Np95; HuNp95; hNp95; RING finger protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

UHRF1 encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. E3 ubiquitin-protein ligase UHRF1 binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.

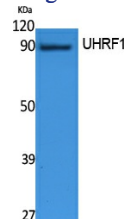
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western Blot analysis of extracts from Jurkat cells, using UHRF1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.

Storage

-20°C for one year