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UHRF2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UHRF2.
Catalog # AT4463a

Product Information

Application	WB, IF
Primary Accession	Q96PU4
Other Accession	NM_152896
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3A11
Calculated MW	89985

Additional Information

Gene ID	115426
Other Names	E3 ubiquitin-protein ligase UHRF2, 632-, Np95/ICBP90-like RING finger protein, Np95-like RING finger protein, Nuclear protein 97, Nuclear zinc finger protein Np97, RING finger protein 107, Ubiquitin-like PHD and RING finger domain-containing protein 2, Ubiquitin-like-containing PHD and RING finger domains protein 2, UHRF2, NIRF, RNF107
Target/Specificity	UHRF2 (NP_690856, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	UHRF2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

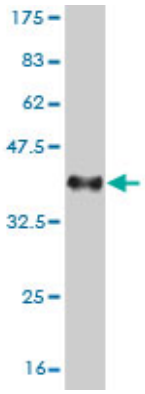
Background

This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis.

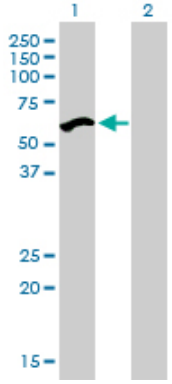
References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Let-7a elevates p21(WAF1) levels by targeting of NIRF and suppresses the growth of A549 lung cancer cells. He X, et al. FEBS Lett, 2009 Nov 3. PMID 19818775.Intranuclear degradation of polyglutamine aggregates by the ubiquitin-proteasome system. Iwata A, et al. J Biol Chem, 2009 Apr 10. PMID 19218238.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.ICBP90, an E2F-1 target, recruits HDAC1 and binds to methyl-CpG through its SRA domain. Unoki M, et al. Oncogene, 2004 Oct 7. PMID 15361834.

Images

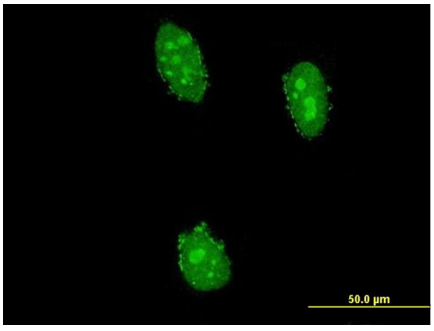


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

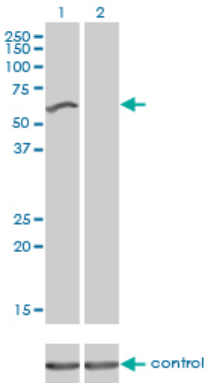


Western Blot analysis of UHRF2 expression in transfected 293T cell line by UHRF2 monoclonal antibody (M01), clone 3A11.

Lane 1: UHRF2 transfected lysate(56.1 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to UHRF2 on HeLa cell . [antibody concentration 10 ug/ml]



Western blot analysis of UHRF2 over-expressed 293 cell line, cotransfected with UHRF2 Validated Chimera RNAi ((Cat # AT4463a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.