UHRF2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Uhrf2, Polyclonal Antibody
Full Product Name	Uhrf2 Polyclonal Antibody
Product Gene Name	anti-Uhrf2 antibody
Product Synonym Names	NIRF; RNF107; TDRD23; URF2
Immunogen Sequence	DSSLPSTSKQ NDAQVKPSSH NPPKVKKTAR GGSSSQPSTS ARTCLIDPGF GLYKVNELVD ARDVGLGAWF EAHIHSVTRA SDGHSRGKTP LKNGSSYKRT NGNVNHNSKE NTNKLDNVPS TSNSDSVAAD EDVIYHIEYD EYPESGILEM NVKDLRPRAR TILKWNELNV GDVVMVNYNV ENPGKRGFWY DAEITTLKTI SRTKKEVRVK VFLGGSEGTL NDCRVMSVDE IFKIEKPGAH PISFADGKFL RKNDP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	24kDa/57kDa/90kDa
Immunogen	Recombinant protein of mouse Uhrf2
Immunogen Species	Mouse
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Product Categories/Family for anti-Uhrf2 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Uhrf2 antibody	Western Blot (WB)
Application Notes for anti-Uhrf2 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-Uhrf2 antibody	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. The encoded protein contains an NIRF_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding.
Other Notes	Small volumes of anti-Uhrf2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Uhrf2 purchase	MBS9133678 is an antibody targeting Uhrf2. Also known as Uhrf2 Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Uhrf2. It may not necessarily be applicable to this product.

NCBI GI #	958213215
NCBI GeneID	109113
NCBI Accession #	JAO23902.1
UniProt Secondary Accession #	Q8BG56; Q8BJP6; Q8BY30; Q8K1I5
UniProt Related Accession #	Q7TMI3
NCBI Official Full Name	UHRF2, partial
NCBI Official Synonym Full Names	ubiquitin-like, containing PHD and RING finger domains 2
NCBI Official Symbol	Uhrf2
NCBI Official Synonym Symbols	Nirf; AI426270; AW214556; 2310065A22Rik; D130071B19Rik
UniProt Protein Name	E3 ubiquitin-protein ligase UHRF2
UniProt Synonym Protein Names	NIRF; Np95-like ring finger protein; Nuclear protein 97; Nuclear zinc finger protein Np97; RING-type E3 ubiquitin transferase UHRF2; Ubiquitin-like PHD and RING finger domain-containing protein 2; Ubiquitin-like-containing PHD and RING finger domains protein 2
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	Uhrf2
UniProt Synonym Gene Names	Nirf
NCBI Protein Information	E3 ubiquitin-protein ligase UHRF2
UniProt Comments for Uhrf2	E3 SUMO-, but not ubiquitin-, protein ligase for ZNF131 (). E3 ubiquitin-protein ligase that is an intermolecular hub protein in the cell cycle network. Ubiquitinates cyclins, CCND1 and CCNE1, in an apparently phosphorylation-independent manner and induces G1 arrest. Also ubiquitinates PCNP leading to its degradation by the proteasome. Through cooperative DNA and histone binding, may contribute to a tighter epigenetic control of gene expression in differentiated cells.
Research Articles on Uhrf2	**1.** 5mC levels are decreased at certain genomic loci in the brains of Uhrf2 knockout mice. UHRF KO mice develop frequent spontaneous seizures.
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