



Rabbit Anti-ICBP90/UHRF1 antibody

SL6427R

Product Name:	ICBP90/UHRF1
Chinese Name:	核蛋白95抗体
Alias:	HuNp95; ICBP90; Inverted CCAAT box binding protein of 90 kDa; Inverted CCAAT box binding protein, 90-kD; Inverted CCAAT box-binding protein of 90 kDa; Liver regeneration-related protein LRRG126; NP95; Nuclear phosphoprotein, 95-KD; Nuclear protein 95; Nuclear zinc finger protein Np95; RING finger protein 106; RNF106; Transcription factor ICBP90; Ubiquitin like containing PHD and RING finger domains protein 1; Ubiquitin like PHD and RING finger domain containing protein 1; Ubiquitin-like PHD and RING finger domain-containing protein 1; Ubiquitin-like protein containing PHD and RING finger domains 1; Ubiquitin-like with PHD and ring finger domains 1; Ubiquitin-like, containing PHD and RING finger domains, 1; Ubiquitin-like-containing PHD and RING finger domains protein 1; UHRF1_HUMAN; Ac2-121; AL022808; E3 ubiquitin-protein ligase UHRF1; EC 6.3.2.-; FLJ21925.
文献引用 PubMed :	<p>Specific References(1) SL6427R has been referenced in 1 publications.</p> <p>[IF=1.12]Babacan, Nalan A., et al. "The prognostic value of UHRF-1 and p53 in gastric cancer." Saudi Journal of Gastroenterology 22.1 (2016): 25. IHC-P;Human.</p> <p style="text-align: right;">PubMed:26831603</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1ug/testIF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	90kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml

immunogen:	KLH conjugated synthetic peptide derived from human UHRF1:701-793/793
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>Putative E3 ubiquitin-protein ligase. May participate in methylation-dependent transcriptional regulation. Binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. Important for G1/S transition. May be involved in DNA repair and chromosomal stability. Tissue specificity: Expressed in thymus, bone marrow, testis, lung and heart. Overexpressed in breast cancer.</p> <p>Function: Putative E3 ubiquitin-protein ligase. May participate in methylation-dependent transcriptional regulation. Binds to inverted 5'-CCAAT-3' box 2 in the TOP2A promoter, and activates TOP2A expression. Important for G1/S transition. May be involved in DNA repair and chromosomal stability.</p> <p>Subunit: Interacts with histones H3, H1 and H2B (By similarity). Interacts with HDAC1, but not with HDAC2. Interacts with UHRF1BP1. Binds methylated CpG containing oligonucleotides.</p> <p>Subcellular Location: Nucleus.</p> <p>Tissue Specificity: Expressed in thymus, bone marrow, testis, lung and heart. Overexpressed in breast cancer.</p> <p>Post-translational modifications: Phosphorylated on serine residues. Phosphorylation may enhance DNA-binding activity. Ubiquitinated; which leads to proteasomal degradation. Polyubiquitination may be stimulated by DNA damage.</p> <p>Similarity: Contains 1 PHD-type zinc finger. Contains 2 RING-type zinc fingers. Contains 1 ubiquitin-like domain. Contains 1 YDG domain.</p> <p>SWISS:</p>

Q96T88

Gene ID:
29128

Database links:

[Entrez Gene: 29128](#)Human

[Omin: 607990](#)Human

[SwissProt: Q96T88](#)Human

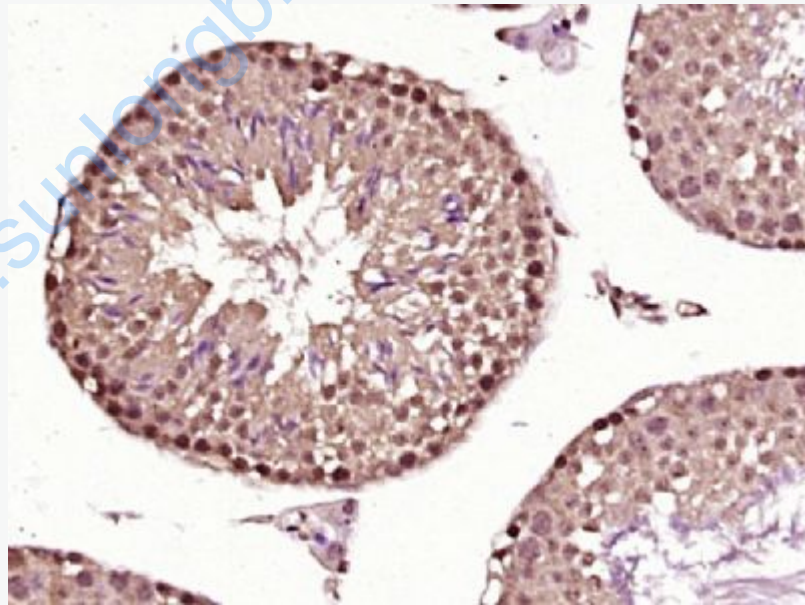
[Unigene: 108106](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

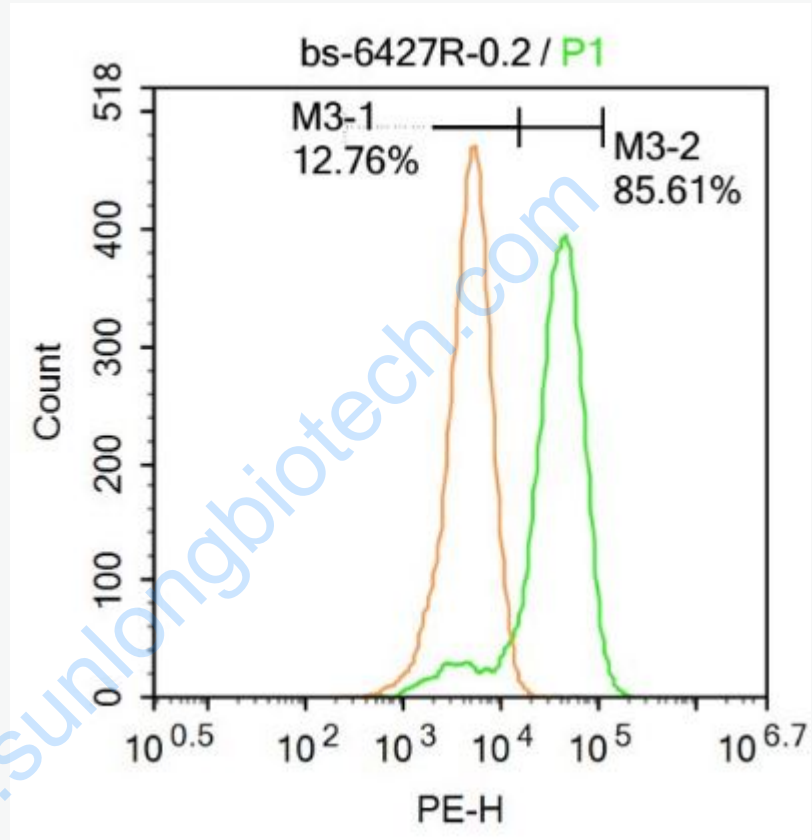
UHRF1是一种核蛋白, 通过DNA解螺旋酶而识别甲基化位点, UHRF1与一些组蛋白的结合事件对于维持正确的Epigenetics控制具有非常重要的意义。

Picture:



Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at

37°C for 30min; Antibody incubation with (ICBP90) Polyclonal Antibody, Unconjugated (SL6427R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:Molt-4.

Primary Antibody (green line): Rabbit Anti-ICBP90 antibody (SL6427R)

Dilution: 1µg /10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-AF647

Dilution: 1µg /test.

Protocol

The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at-20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.