



Rabbit Anti-DZIP3 antibody

SL13044R

Product Name:	DZIP3
Chinese Name:	E3Ubiquitin蛋白连接酶dzip3抗体
Alias:	DAZ-interacting protein 3; E3 ubiquitin-protein ligase DZIP3; hRUL138; KIAA0675; RNA-binding ubiquitin ligase of 138 kDa; DZIP3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Recombinant Fragment
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	139kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DZIP3:451-550/1208
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:	Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). DZIP3 (DAZ interacting protein 3, zinc finger), also known as UURF2 or hRUL138, is a 1,208 amino acid protein that localizes to the cytoplasm and contains one RING-type zinc

finger. Expressed in a variety of tissues with highest expression in heart, skeletal muscle and kidney, DZIP3 functions as an E3 ubiquitin-protein ligase that accepts ubiquitin from an E2 ubiquitin-conjugating enzyme, thereby playing a role in signaling events throughout the cell. Multiple isoforms of DZIP3 exist due to alternative splicing events.

Function:

E3 Ubiquitin ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Able to specifically bind RNA.

Subunit:

Interacts with DAZ proteins.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Widely expressed at low level. Highly expressed in skeletal muscle, kidney and heart. Expressed at low level in placenta, lung, brain, liver and pancreas.

Similarity:

Contains 1 RING-type zinc finger.

SWISS:

Q86Y13

Gene ID:

9666

Database links:

[Entrez Gene: 9666](#)Human

[SwissProt: Q86Y13](#)Human

Important Note:

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