

## Rabbit Anti-DZIP3/AF350 Conjugated antibody

SL13044R-AF350

<b>Product Name</b>	Anti-DZIP3/AF350
<b>Chinese Name</b>	AF350 标记的 E3Ubiquitin 蛋白连接酶 dzip3 抗体
<b>Alias</b>	DAZ-interacting protein 3; E3 ubiquitin-protein ligase DZIP3; hRUL138; KIAA0675; RNA-binding ubiquitin ligase of 138 kDa; DZIP3_HUMAN.
<b>Research Area</b>	Cell biology Epigenetics Ubiquitin
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit) Flow-Cyt=2ug/Test,IF=1:100-500,ICC/IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	139kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human DZIP3
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
<b>Storage</b>	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> 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.

**Database links:**

UniProtKB/Swiss-Prot: Q86Y13.2

**Important Note:**

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