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[Marker Primary Antibody]

Rabbit Anti-DZIP3/Biotin Conjugated antibody

Catalog Number: SL12191R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-DZIP3/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from Human DZIP3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	Flow-Cyt=1ug/test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Cow,Horse,Rabbit)
Background:	background: DZIP3 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

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	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.