

## Product datasheet for **TA322138**

### RELMB beta (RETNLB) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 24-111 amino acids of human resistin like beta
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	resistin like beta
Database Link:	<a href="#">NP_115968</a> <a href="#">Entrez Gene 84666 Human</a> <a href="#">Q9BQ08</a>

**Background:** Resistin-like beta is a protein that in humans is encoded by the RETNLB gene. An infusion of either resistin or RELMB in rats rapidly induced severe hepatic but not peripheral insulin resistance. Increases in circulating resistin or RELMB levels markedly stimulated hepatic glucose production despite the presence of fixed physiologic insulin levels. This enhanced rate of glucose output was due to increased flux through glucose-6-phosphatase. The results supported the notion that a novel family of fat- and gut-derived circulating proteins modulates hepatic insulin action.

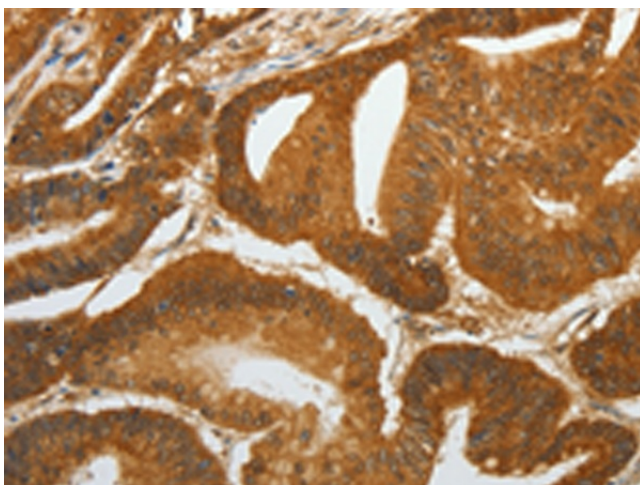


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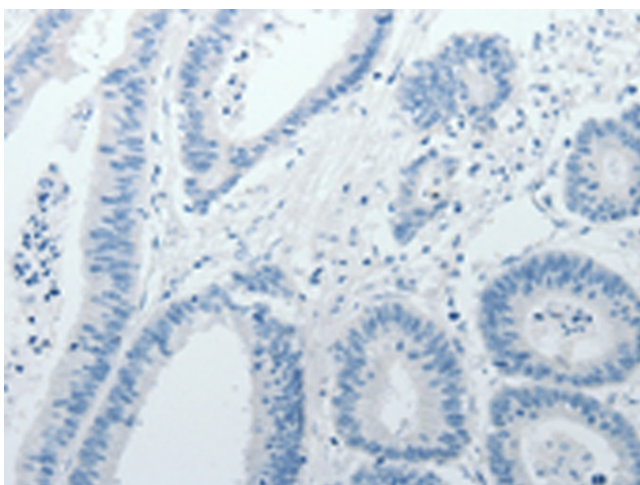
Synonyms: FIZZ1; FIZZ2; HXCP2; RELM-beta; RELMb; RELMbeta; XCP2

Protein Families: Secreted Protein

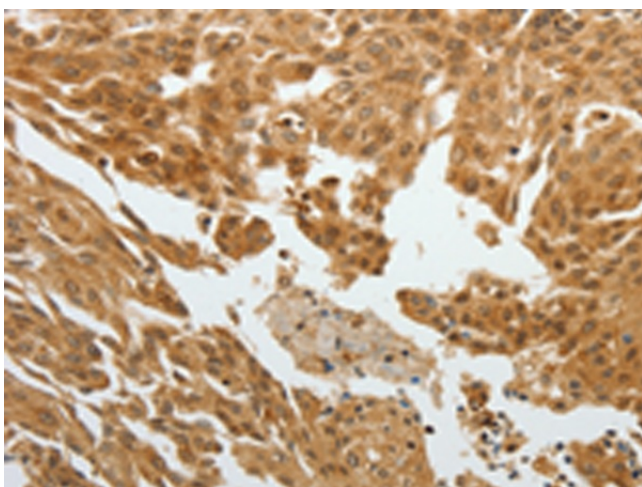
### Product images:



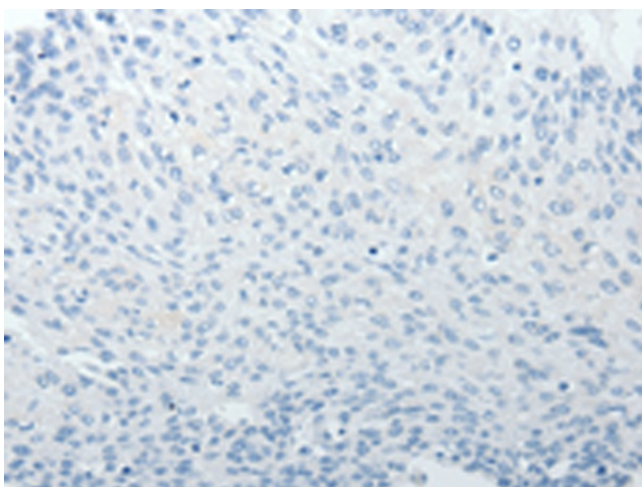
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322138 (RETNLB Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322138 (RETNLB Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322138 (RETNLB Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322138 (RETNLB Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )