

## Product datasheet for **AP51732PU-N**

### **FSTL3 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 228-258 amino acids from the C-terminal region of Human FSTL3
Specificity:	Recognizes Follistatin-related protein 3 (C-term).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	27663 Da
Gene Name:	follistatin like 3
Database Link:	<a href="#">Entrez Gene 10272 Human</a> <a href="#">O95633</a>



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**Background:**

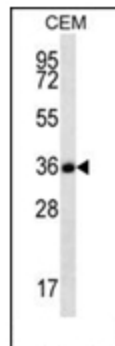
FSTL3, follistatin-like 3, is a secreted glycoprotein of the follistatin-module-protein family. FSTL3 is expressed in the placenta and may play a role in regulating the extracellular matrix of the placenta. FSTL3 is a binding protein for activin and BMP2 and thought to regulate activin and myostatin during normal adult metabolic homeostasis. FSTL3 may also contribute to bone formation by inhibiting osteoclast differentiation from hematopoietic precursors. A chromosomal aberration involving FSTL3 is found in a case of B-cell chronic lymphocytic leukemia.

**Synonyms:**

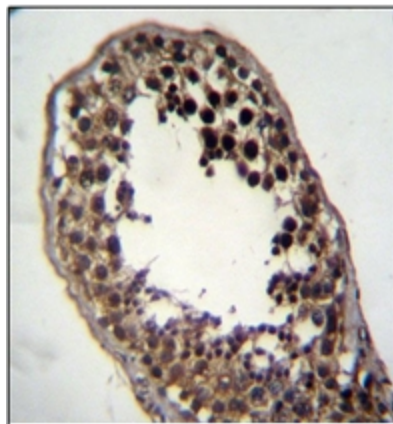
Follistatin-like 3, Follistatin-related gene protein, FLRG, FSTL3

**Protein Families:**

Secreted Protein

**Product images:**


Western blot analysis in CEM cell line lysates (35ug/lane) using FSTL3 Antibody (C-term) Cat.-No AP51732PU-N. This demonstrates the FSTL3 antibody detected the FSTL3 protein (arrow).



Formalin fixed and paraffin embedded human testis tissue stained with FSTL3 Antibody (C-term) Cat.-No AP51732PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FSTL3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.