

### Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000,  
IHC:1:25-1:100

**Protein Background:**

Paracrine hormone primarily responsible for maternal recognition of pregnancy. Interacts with endometrial receptors, probably type I interferon receptors, and blocks estrogen receptor expression, preventing the estrogen-induced increase in oxytocin receptor expression in the endometrium. This results in the suppression of the pulsatile endometrial release of the luteolytic hormone prostaglandin F2-alpha, hindering the regression of the corpus luteum (luteolysis) and therefore a return to ovarian cyclicity. This, and a possible direct effect of IFN-tau on prostaglandin synthesis, leads in turn to continued ovarian progesterone secretion, which stimulates the secretion by the endometrium of the nutrients required for the growth of the conceptus. In summary, displays particularly high antiviral and antiproliferative potency concurrently with particular weak cytotoxicity, high antiluteolytic activity and immunomodulatory properties. In contrast with other IFNs, IFN-tau is not virally inducible.

**Gene ID:**

SERPINA9

**Uniprot**

Q86WD7

**Synonyms:**

serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9

**Immunogen:**

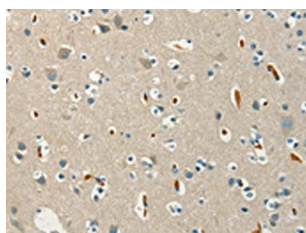
Synthetic peptide of human SERPINA9.

**Storage:**

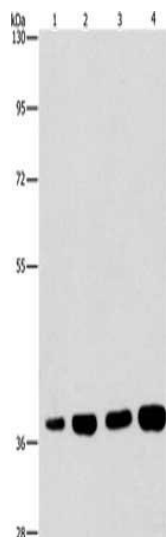
-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

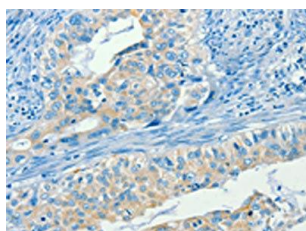
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The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO19225(SERPINA9 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-4: 293T cells, 231 cells, U937 cells, Raji cells, Primary antibody: PACO19225(SERPINA9 Antibody) at dilution 1/337.5, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO19225(SERPINA9 Antibody) at dilution 1/60, on the right is treated with synthetic peptide. (Original magnification: x—200).