

## IFN-beta Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02022
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 91-140
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Interferon beta
<b>Synonyms</b>	Interferon beta (IFN-beta;Fibroblast interferon); Interferon beta; IFN-beta; Fibroblast interferon)

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a cytokine that belongs to the interferon family of signaling proteins| which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons| which are important for defense against viral infections. In addition| type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen| type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection.

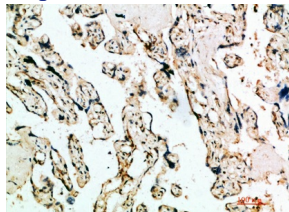
### Recommended Dilution

IHC-p: 1: 50 - 1: 200

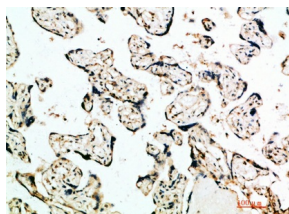
ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

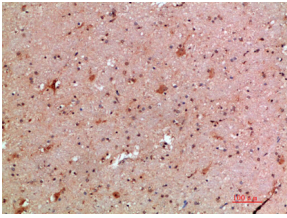
### Images



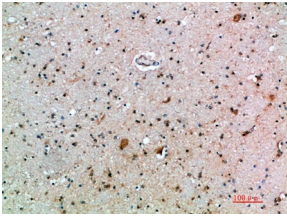
Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

### Storage

-20°C for 1 year

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