



IFN- β rabbit pAb

Cat No.:ES8721

For research use only

Overview

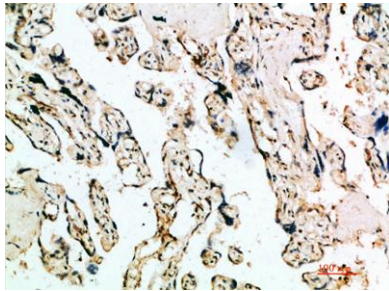
Product Name	IFN- β rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, ELISA 1:10000-20000
Immunogen	Synthetic peptide from human protein at AA range: 91-140
Specificity	The antibody detects endogenous IFN- β
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interferon beta (IFN-beta) (Fibroblast interferon)
Gene Name	IFNB1 IFB IFNB
Cellular localization	Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3456
Human Swiss-Prot Number	P01574
Alternative Names	Interferon beta (IFN-beta;Fibroblast interferon)
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



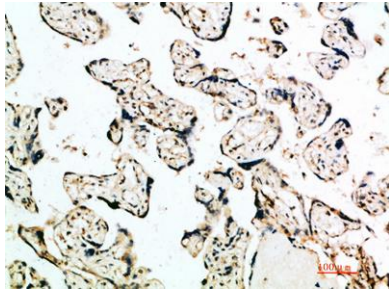


and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection. [provided by RefSeq, Sep 2015],

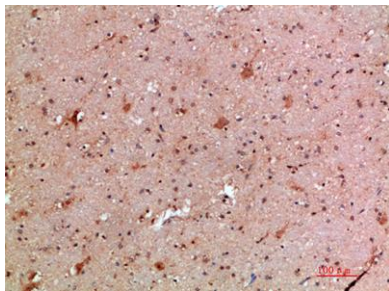
Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200



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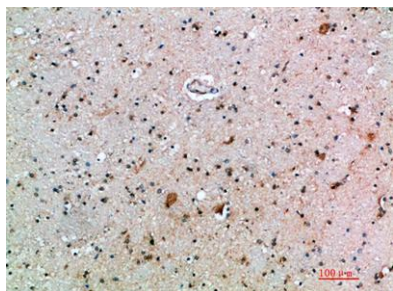
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200





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