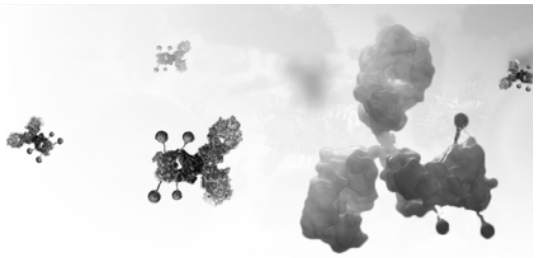

Anti-IFN BETA polyclonal antibody (CPBT-67128RC)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognizes chicken Interferon beta (chIFN-beta). Reports suggest that chIFN exhibits properties similar to mammalian IFN type I (IFNI). Functional studies revealed the presence of two distantly related IFNI genes, designated as IFN alpha and IFN beta, found on chicken chromosome Z. The serological distinction between these two IFNs has been verified using neutralisation assays, and there is evidence that the antiviral activity of chIFN-beta is approximately ten-fold less compared to chIFN-alpha. This would suggest that chIFNbeta might have a different physiological role, though chIFN-beta is expressed strongly in virus-infected cells. does not cross react with IFN gamma. This antiserum neutralizes chIFN-beta and can be used to discriminate IFN alpha and IFN beta bioactivities. Western Blotting detects a band of approximately 20 kDa.
Specificity	IFN BETA
Immunogen	Recombinant chicken Interferon Beta
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Chicken
Conjugate	Unconjugated
Applications	FA; IP; WB
Format	Purified IgG - liquid
Size	500 µg
Preservative	None

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Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IFNB interferon, beta 1, fibroblast [Gallus gallus (chicken)]
Official Symbol	IFNB
Synonyms	IFNB; interferon, beta 1, fibroblast; IFN-beta; interferon type B; interferon beta; interferon-beta; IFN BETA;
Entrez Gene ID	554219
Protein Refseq	NP_001020007.1
UniProt ID	Q90873
Chromosome Location	Z
Pathway	Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Herpes simplex infection;
Function	cytokine activity; type I interferon receptor binding

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