

Rabbit anti-Human, Mouse IFN-beta Polyclonal Antibody | anti-IFN-beta antibody

IFN-beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302431	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

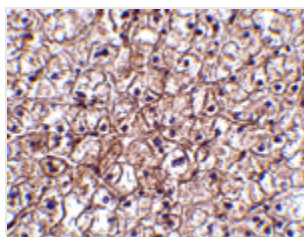
PRODUCT SYNONYMS

IFN-beta; Polyclonal Antibody; IFN-beta Antibody; Interferon beta; beta-interferon; anti-IFN-beta antibody

PRODUCT SPECIFICATIONS

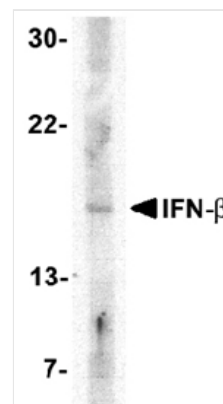
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	187
Applicable Applications for anti-IFN-beta antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the center of human IFN-b.
Target Name	IFN-beta
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of IFN-b in human liver tissue with IFN-b antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of IFN-b in A-20 cell lysate with IFN-b antibody at 5 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IFN-beta antibody	Type I Interferons (IFN-alpha/beta) are produced primarily in response to viral infection by "Natural IFN-producing cells" (IPCs) as part of the host immune response and can also inhibit the development of tumors. IFN-beta binding by its receptor results in the activation of the tyrosine kinases Jak1 and Tyk2 and phosphorylation of members of the STAT family of transcription factors, leading to the transcription and expression of the immune response genes. More recently, several members of the toll-like receptor (TLR) family were found to stimulate the production IFN-beta. IFN-beta is currently used clinically for treatment of tumors, infections and multiple sclerosis.
Product Categories/Family for anti-IFN-beta antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	184623
NCBI GeneID	3456
Molecular Weight	22,294 Da
NCBI Official Full Name	interferon-beta
NCBI Official Synonym Full Names	interferon, beta 1, fibroblast
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta
UniProt Gene Name	IFNB1
UniProt Synonym Gene Names	IFB; IFNB; IFN-beta
UniProt Entry Name	IFNB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifn-beta-antibody-immunohistochemistry-western-blot-elisa/302431>