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Datasheet for ABIN721842 **anti-IFNA11 antibody (Biotin)**

Overview

Quantity:	100 µL
Target:	IFNA11
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNA11 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Mouse IFNA1
Isotype:	IgG
Specificity:	This antibody will detect all Human and Mouse Interferon alpha subtypes
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	IFNA11
Alternative Name:	Interferon alpha 11 (IFNA11 Products)
Background:	Synonyms: IFNA, IFN-a, IFN- α , Interferon alpha, Interferon-alpha, IFNA1, IFNA2, IFNA5, IFNA6,

Target Details

IFNA8/6, IFNA7, IFNA9, IFNA11, IFNA12, IFNA13, IFNA15, IFNA16, IFNA6T, IFNAB, IFNA4, Pan Interferon alpha, IFNA13, IFNA1/13, IFNA7, IFNA10, IFNA14, IFNA17, IFNA21, IFNA8.

Background: Interferons(IFNs) are proteins made and released by host cells in response to the presence of pathogens such as viruses, bacteria, parasites or tumor cells. They belong to the large class of glycoproteins known as cytokines. IFNs stimulate the production of two enzymes: a protein kinase and an oligoadenylate synthetase. They allow for communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. IFNs can activate immune cells, such as natural killer cells and macrophages, they increase recognition of infection or tumor cells by up-regulating antigen presentation to T lymphocytes, and they also increase the ability of uninfected host cells to resist new infection by virus. Leukocyte interferon is produced predominantly by B lymphocytes. Immune interferon is produced by mitogen- or antigen-stimulated T lymphocytes.

Gene ID: 15962

UniProt: [P01572](#)

Application Details

Application Notes: WB 1:100-1000
IHC-P 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months