

Datasheet for ABIN721819

anti-IFNA antibody (AA 101-189) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IFNA
Binding Specificity:	AA 101-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNA antibody is conjugated to HRP
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 human IFNA1
Isotype:	IgG
Specificity:	This antibody will detect all 13 subtypes of Human IFN-Alpha
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	IFNA
Alternative Name:	IFN-Alpha (IFNA Products)

Target Details

Background:	Synonyms: IFNA, IFN-a, IFN-α, Interferon alpha, Interferon-alpha, IFNA1, IFNA13, IFNA1/13, IFNA4: IFNA5, IFNA6, IFNA17, IFNA21, IFNA8, IFNA2, IFNA7, IFNA14, IFNA10, IFNA16, Pan Interferon alpha Background: Interferon-α (IFN-α, also known as IFN-alpha, IFN-a, IFNA and Interferon-alpha) is a type I interferon and exists as 13 subtypes: IFN-α 1, 2, 4, 5, 6, 7, 8, 10, 13, 14, 16, 17 and 21. They are mainly produced by virus-infected cells after sensing the presence of danger signals such as viral DNA or RNA. The binding of IFN-α to its receptor initiates an anti-viral response, but also anti-tumor effects have been shown. A key producer of type I interferons is the plasmacytoid dendritic cell.
Gene ID:	3439
UniProt:	P01562
Pathways:	JAK-STAT Signaling , TLR Signaling , Hepatitis C , Inflammasome

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months