

Datasheet for ABIN717131
anti-IFNA antibody (AA 101-189)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	IFNA
Binding Specificity:	AA 101-189
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IFNA4
Isotype:	IgG
Specificity:	This antibody will detect Human IFN-Alpha subtypes 2,4,5,6,7,8,10,14,16,17 and has lower affinity for IFNA1/13. This antibody will detect Mouse IFN-Alpha subtypes 1,2,5,7,12,13,14,16
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	IFNA
Alternative Name:	IFN-Alpha (IFNA Products)
Background:	<p>Synonyms: IFNA, IFN-a, IFN-γ, Interferon alpha, Interferon-alpha, IFNA2, IFNA4, IFNA6, IFNA7, IFNA8, IFNA10, IFNA16, IFNA17, IFNA5, IFNA21, IFNA14, IFNA1, IFNA13, Pan Interferon alpha</p> <p>Background: Interferon-γ (IFN-γ, also known as IFN-alpha, IFN-a, IFNA and Interferon-alpha) is a type I interferon and exists as 13 subtypes: IFN-γ 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-γ 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.</p>
Gene ID:	3441
UniProt:	P05014
Pathways:	JAK-STAT Signaling , TLR Signaling , Hepatitis C , Inflammasome

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

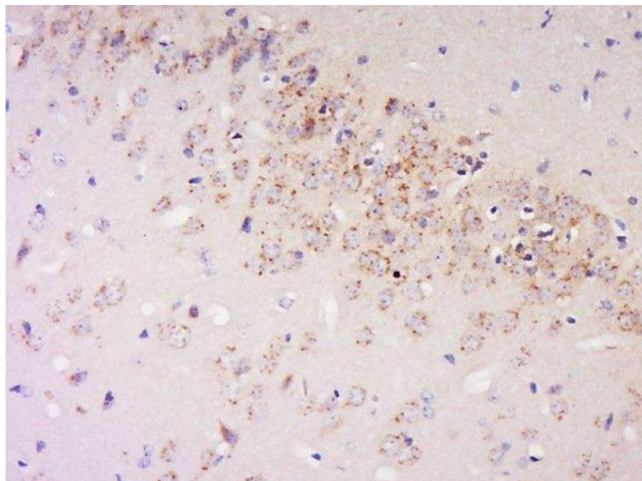
Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

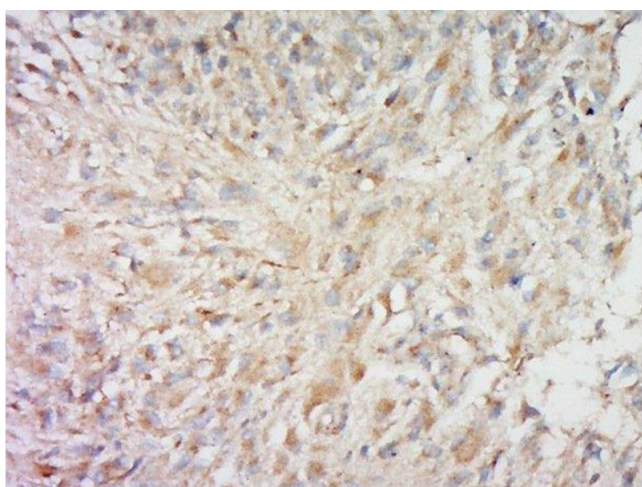
Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse brain, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with IFNA4 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded human glioma, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with IFNA4 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining