

DATASHEET

IFNGR2 Rabbit Polyclonal Antibody

CAT. NO. APA14686

KEY FEATURES

Target	IFNGR2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Associates with IFNGR1 to form a receptor for the cytokine interferon gamma (IFNG) . Ligand binding stimulates activation of the JAK/STAT signaling pathway . Required for signal transduction in contrast to other receptor subunit responsible for ligand binding .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to IFNGR2
Specificity	Recognizes endogenous levels of IFNGR2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human IFNGR2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 37 kD; Observed: 38 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	IFNGT1; Interferon gamma receptor 2; IFN-gamma receptor 2; IFN-gamma-R2; Interferon gamma receptor accessory factor 1; AF-1; Interferon gamma transducer 1
Gene Symbol	IFNGR2
Entrez Gene	3460(Human)
SwissProt	P38484(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

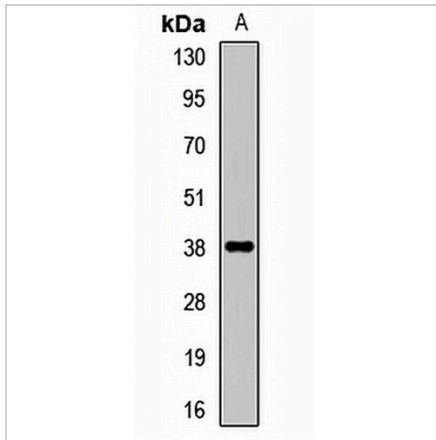
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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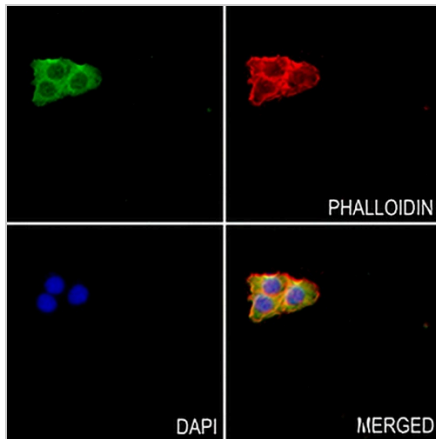
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DATA



Western blot analysis of IFNGR2 expression in mouse brain (A) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 38 kD)



Immunofluorescent analysis of IFNGR2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AREX® Fluor 594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.