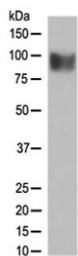


## IFNAR1 Antibody / Interferon Receptor alpha [clone AF-9] (RQ4481)

Catalog No.	Formulation	Size
RQ4481	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	AF-9
<b>Purity</b>	Protein A affinity
<b>UniProt</b>	P17181
<b>Localization</b>	Cell membrane, Cytoplasm
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This IFNAR1 antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with IFNAR1 antibody at 0.5ug/ml. Expected molecular weight: 64-135 kDa depending on glycosylation level.

### Description

Component of the receptor for type I interferons, including interferons alpha, IFNB1 and IFNW1. Functions in general as heterodimer with IFNAR2. Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta- subunits themselves. Can form an active IFNB1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway (By similarity). [UniProt]

## **Application Notes**

Optimal dilution of the IFNAR1 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide from human Interferon Receptor alpha was used as the immunogen for the IFNAR1 antibody.

## **Storage**

Store the IFNAR1 antibody at -20oC.