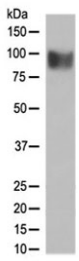
IFNAR1 Antibody / Interferon Receptor alpha [clone AF-9] (RQ4481)

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

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AF-9
Purity	Protein A affinity
UniProt	P17181
Localization	Cell membrane, Cytoplasm
Applications	Western Blot : 1:500-1:2000
Limitations	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.

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