

Anti-IFNAR1 Antibody (Center)

Catalog Number: A00306

About IFNAR1

IFNAR1 is the receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha-and beta-subunits themselves.

Overview

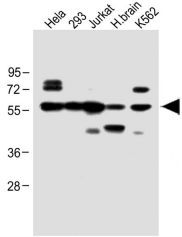
Product Name	Anti-IFNAR1 Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-IFNAR1 Antibody (Center) (Catalog # A00306). Tested in WB, Flow Cytometry, IHC-P-Leica application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB, IHC-P-Leica
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17181

Technical Details

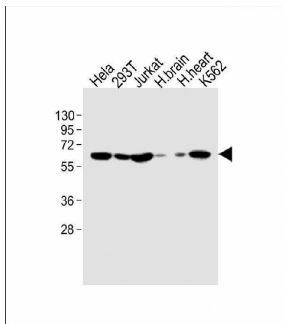
Immunogen	This IFNAR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-188 amino acids of human IFNAR1.
Predicted Reactive Species	Bovine, Chicken, Monkey, Mouse, Xenopus, Zebrafish
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P-Leica: 1:1000

FC: 1:25

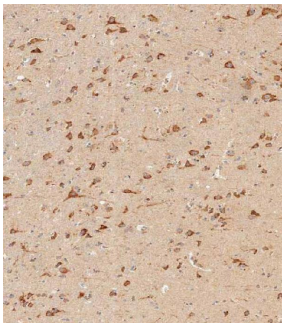
Anti-IFNAR1 Antibody (Center) (A00306) Images



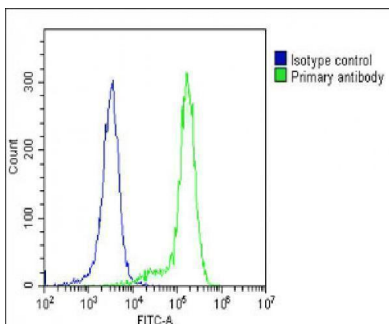
All lanes : Anti-IFNAR1 Antibody (Center) at 1:1000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: 293 whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: H. brain whole cell lysate
Lane 5: K562 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-IFNAR1 Antibody (Center) at 1:1000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: 293T whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: human brain lysate
Lane 5: human heart lysate
Lane 6: K562 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



Immunohistochemical analysis of paraffin-embedded human brain tissue using A00306 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:1000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Overlay histogram showing K562 cells stained with A00306 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (A00306, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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