

Anti-Phospho-IL-4 alpha (Y497) IL4R Antibody

Catalog Number: A00807Y497

About IL4R

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12.

Arja Lamberg, J. Biol. Chem., May 1996; 271: 11988.

GW Conrad, J. Cell Biol., Mar 1980; 84: 501.

DR Keene, J. Cell Biol., Nov 1987; 105: 2393.

HM Wang, J. Histochem. Cytochem., Nov 1980; 28: 1215.

Overview

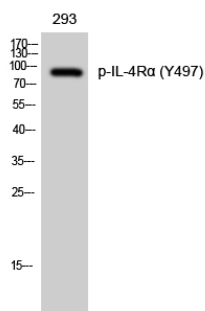
Product Name	Anti-Phospho-IL-4 alpha (Y497) IL4R Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-IL-4 alpha (Y497) IL4R Antibody catalog # A00807Y497. Tested in ELISA, IF, IHC-P, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P24394

Technical Details

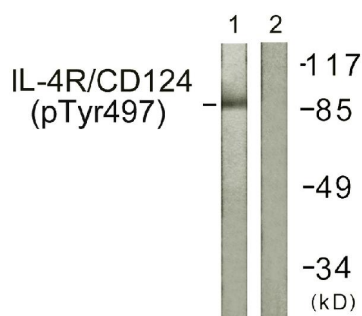
Immunogen	Synthesized peptide derived from human IL-4Ralpha around the phosphorylation site of Y497.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000

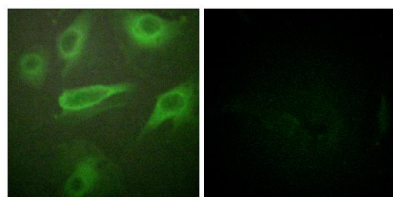
Anti-Phospho-IL-4 alpha (Y497) IL4R Antibody (A00807Y497) Images



Western blot analysis of 293 cells using Phospho-IL-4R Alpha (Y497) Polyclonal Antibody



Western blot analysis of lysates from 293 cells, using IL-4R/CD124 (Phospho-Tyr497) Antibody. The lane on the right is blocked with the phospho peptide.



Immunofluorescence analysis of HeLa cells, using IL-4R/CD124 (Phospho-Tyr497) Antibody. The picture on the right is blocked with the phospho peptide.

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