

Anti-IL-27A Antibody

Catalog Number: A00857

About IL27

Signaling adapter that couples activated growth factor receptors to signaling pathway. Isoform p46Shc and isoform p52Shc, once phosphorylated, couple activated receptor tyrosine kinases to Ras via the recruitment of the GRB2/SOS complex and are implicated in the cytoplasmic propagation of mitogenic signals. Isoform p46Shc and isoform p52Shc may thus function as initiators of the Ras signaling cascade in various non-neuronal systems. Isoform p66Shc does not mediate Ras activation, but is involved in signal transduction pathways that regulate the cellular response to oxidative stress and life span. Isoform p66Shc acts as a downstream target of the tumor suppressor p53 and is indispensable for the ability of stress-activated p53 to induce elevation of intracellular oxidants, cytochrome c release and apoptosis. The expression of isoform p66Shc has been correlated with life span

Tramont P, et al. (2006) Mol Cell Biol; 26(23): 9035-9044.

Patrussi L, et al. (2005) Oncogene; 24(13): 2218-2228

van der Geer P, et al. (1996) Curr Biol ; 6(11): 1435-1444

Overview

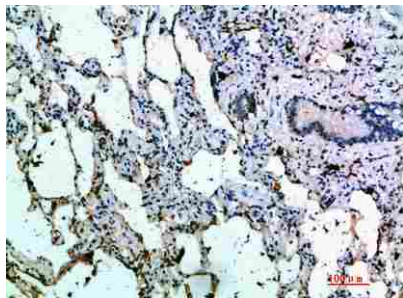
Product Name	Anti-IL-27A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IL-27A Antibody catalog # A00857. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC
Clonality	Polyclonal 10A4
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
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	Q8NEV9

Technical Details

Immunogen	Synthetic peptide from human protein at AA range: 1-50.
Predicted Reactive Species	Equine
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG

Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.
Purification	Immunogen affinity purified
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: IHC-P, 1:50-300

Anti-IL-27A Antibody (A00857) Images



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200.

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