

Anti-Paired box protein Pax-6 PAX6 Antibody

Catalog Number: A00273

About PAX6

HDAC-1 antibody recognizes HDAC1 (also known as HD1, histone deacetylase 1, RPD3, RPD3L1) which belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

Overview

Product Name	Anti-Paired box protein Pax-6 PAX6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Paired box protein Pax-6 PAX6 Antibody catalog # A00273. Tested in WB,ICC/IF,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P26367

Technical Details

Immunogen	Synthesized peptide derived from human MITF around the phosphorylation site of S180.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA 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:
WB: 1:1,000
ICC: 1:50-1:200
IHC: 1:50-1:200

Anti-Paired box protein Pax-6 PAX6 Antibody (A00273) Images

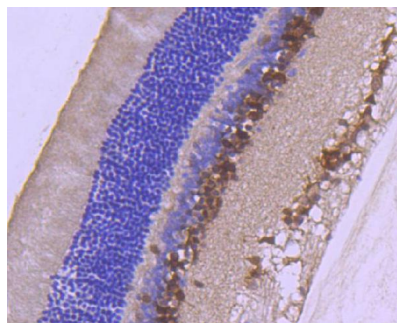


Figure 2. Immunohistochemistry validation of PAX6 using Anti-Paired box protein Pax-6 PAX6 Antibody (A00273).

Immunohistochemical analysis of paraffin-embedded rat eyeball tissue using anti-PAX6 antibody. Counter stained with hematoxylin.

For more protocol information of IHC



Figure 1. Western blotting validation for Anti-Paired box protein Pax-6 PAX6 Antibody A00273

Western blot analysis of PAX6 on Hela cells lysates using anti-PAX6 antibody at 1/1

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