

Anti-Phospho-MITF (S180) Antibody

Catalog Number: P00269

About MITF

The protein encoded by this gene is a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. The encoded protein regulates melanocyte development and is responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome.

Overview

Product Name	Anti-Phospho-MITF (S180) Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-Phospho-MITF (S180) Antibody catalog # P00269. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O75030

Technical Details

Immunogen	A synthesized peptide derived from human MITF around the phosphorylation site of Ser180.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200

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