A1255SP

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MITF Rabbit pAb

Catalog No.: A1255SP 8 Publications

Basic Information

Observed MW
50-75 kDa

Calculated MW
40-59 kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human

Background

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.

Recommended Dilutions

WB	1:5000 - 1:20000
IF/ICC	1:200 - 1:400
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000) , a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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Immunogen Information

Gene ID
4286

Swiss Prot
O75030

Immunogen
This information is considered to be commercially sensitive.

Synonyms
MI; WS2; CMM8; WS2A; COMMAD; MITF-A; bHLHe32; MITF

Product Information

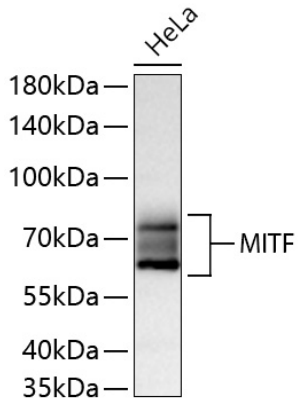
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from HeLa cells using MITF Rabbit pAb (A1255SP) at 1:9000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10 s.