

Product Information

Anti-MITF
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21421**
Formerly listed as GenWay Catalog Number 15-288-21421,
Microphthalmia-associated transcription factor Antibody.

Storage Temperature Store at -20 °C

Synonyms: Microphthalmia-associated transcription factor isoform 4

Product Description

Transcription factor for tyrosinase and tyrosinase-related protein 1. Binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') found in the tyrosinase promoter. Plays a critical role in the differentiation of various cell types as neural crest-derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium.

NCBI Accession number: NP_000239.1
Swiss Prot Accession number: O75030

Gene Information: Human .. MITF (4286)

Immunogen: Recombinant protein Microphthalmia-associated transcription factor isoform 4

Immunogen Sequence: GI # 4557755, sequence 287 - 417

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1