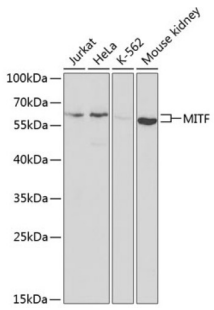
# Melanogenesis Associated Transcription Factor (MITF) Antibody

Catalogue No.:abx001164




Western blot analysis of extracts of various cell lines using MITF Antibody (1/1000 dilution).

MITF Antibody is a Rabbit Polyclonal antibody against MITF. This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also 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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].

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| **Target:** | Melanogenesis Associated Transcription Factor (MITF) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human, Mouse |
| **Tested Applications:** | WB |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Recombinant fusion protein corresponding to human MITF |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified by affinity chromatography. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | O75030 (UniProt, ExPASy) |




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# Datasheet

Version: 3.0.0
Revision date: 15 May 2025

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|---|---|
| **Gene Symbol:** | MITF |
| **GeneID:** | 4286 |
| **NCBI Accession:** | NP_937801.1 |
| **KEGG:** | hsa:4286 |
| **String:** | 9606.ENSP00000295600 |
| **Molecular Weight:** | Calculated MW: 40 kDa/46 kDa/52 kDa/55 kDa/56 kDa/57 kDa/58 kDa<br>Observed MW: 65 kDa |
| **Buffer:** | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| **Concentration:** | 1 mg/ml |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |





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