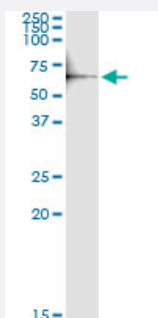


MITF (Human) IP-WB Antibody Pair

Catalog # H00004286-PW1

Size 1 Set

Applications



Immunoprecipitation of MITF transfected lysate using rabbit polyclonal anti-MITF and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-MITF.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93%); Rat (92%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MITF transfected lysate using rabbit polyclonal anti-MITF and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-MITF.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MITF (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-MITF (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MITF

Entrez GeneID [4286](#)

Gene Name MITF

Gene Alias MI, WS2A, bHLHe32

Gene Description microphthalmia-associated transcription factor

Omim ID [103470](#) [103500](#) [156845](#) [193510](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000195123|OTTHUMP00000195140|homolog of mouse microphthalmia

Pathway

- [Melanogenesis](#)
- [Melanoma](#)
- [Pathways in cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)

- [Neoplasm Metastasis](#)
- [Osteoporosis](#)
- [Retinal Diseases](#)
- [Skin Neoplasms](#)
- [Tobacco Use Disorder](#)