

## Anti-MiTF Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011500

### Product Information

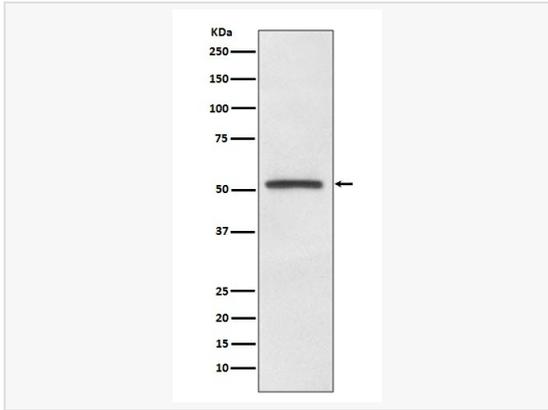
Application	WB, ELISA
Reactivity	Mouse, Rat, Human
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MiTF
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MiTF antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	MITF, BHLHE32, Microphthalmia-associated transcription factor, Class E basic helix-loop-helix protein 32, bHLHe32.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 52 kDa
Uniprot ID	O75030
Gene ID	4286
Background	Microphthalmia-associated transcription factor (MITF) is a basic helix-loop-helix leucine zipper transcription factor that is most widely known for its roles in melanocyte, ophthalmic, and osteoclast development. 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.

## Validation Images

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Western blot analysis of MiTF in A375 lysates using MiTF antibody.