

Rabbit anti-Human, Mouse MITF Polyclonal Antibody | anti-MITF antibody

MITF (Phospho-Ser180/73) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318358	Rabbit	Human, Mouse	ELISA, Western Blot

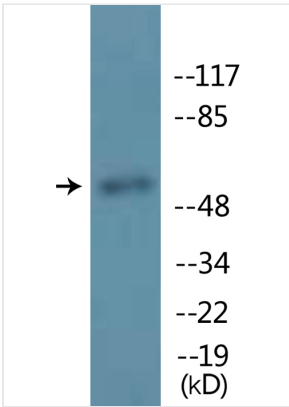
PRODUCT SYNONYMS

MITF; Polyclonal Antibody; MITF (Phospho-Ser180/73) Antibody; MITF M1; Microphthalmia-associated transcription factor; anti-MITF antibody

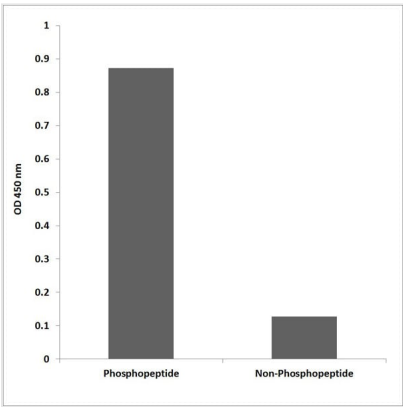
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	MITF (Phospho-Ser180/Ser73) Antibody detects endogenous levels of MITF only when phosphorylated at Ser180/Ser73.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	468
Applicable Applications for anti-MITF antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S180; M:S180
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human MITF around the phosphorylation site of Ser180/Ser73.
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from COS7 cells, using MITF (Phospho-Ser180/73) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MITF (Phospho-Ser180/73) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557755
NCBI GeneID	4286
NCBI Accession #	NP_000239.1
NCBI GenBank Nucleotide #	NM_000248.3
UniProt Accession #	O75030; Q14841; Q9P2V0; Q9P2V1; Q9P2V2; Q9P2Y8; B4DJL2; D3K197; E9PFN0
Molecular Weight	58 kDa
NCBI Official Full Name	microphthalmia-associated transcription factor isoform 4
NCBI Official Synonym Full Names	melanogenesis associated transcription factor
NCBI Official Symbol	MITF
NCBI Official Synonym Symbols	MI; WS2; CMM8; WS2A; COMMAD; bHLHe32
NCBI Protein Information	microphthalmia-associated transcription factor
UniProt Protein Name	Microphthalmia-associated transcription factor
UniProt Gene Name	MITF
UniProt Synonym Gene Names	BHLHE32; bHLHe32

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mitf-antibody-western-blot-elisa/318358>