Anti-MiTF Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101089

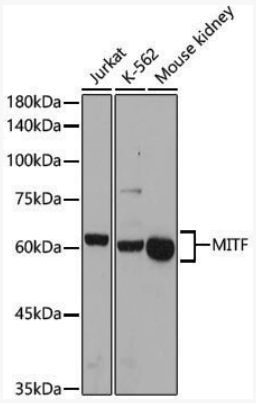
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:100~1:500
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human MITF (NP_937801.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
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 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MI; WS2; CMM8; WS2A; COMMAD; MITF-A; bHLHe32; MITF.
Calculated MW	Calculated MW: 59 kDa; Observed MW: 50-70 kDa
Uniprot ID	O75030
Gene ID	4286
Background	The protein encoded by this gene is a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. The encoded protein regulates melanocyte development and is 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.

Validation Images



Western blot analysis of various lysates using MITF Rabbit pAb (P101089) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 180s.