

TRP2/DCT Mouse Monoclonal Antibody(2A10)

Catalog TDY1035C TDY1035F

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Quantity 50 μ L 100 μ L

Entrez-Gene ID#1638 , Swiss-Prot Acc.#P40126

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB,IHC	H,M,R	~60KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

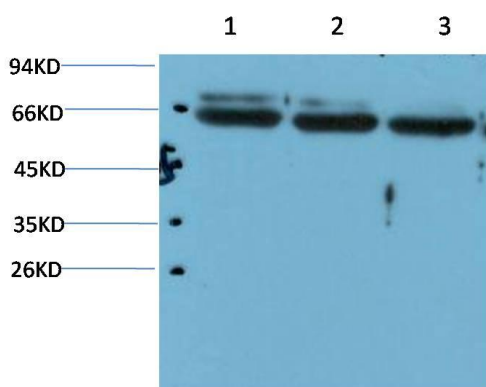
Recommended dilutions: WB: 1:1,000-2,000 IHC:1:100-200

Optimal dilutions should be determined by the end user.

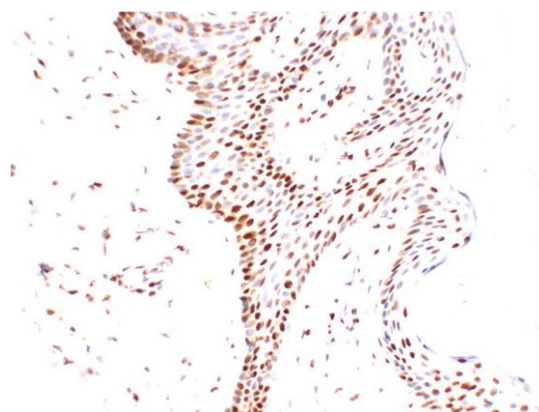
Specificity: Antibody can detect TRP2/DCT proteins.

Alternative Names: TYRP2; L-dopachrome tautomerase; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP2

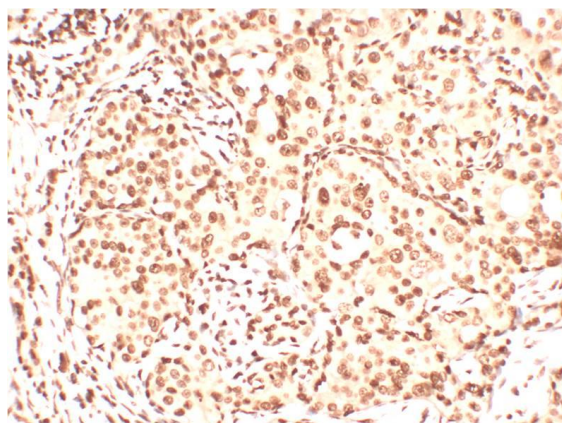
Background: Catalytic activity: L-dopachrome = 5,6-dihydroxyindole-2-carboxylate., cofactor: Binds 2 zinc ions per subunit., function: Involved in regulating eumelanin and pheomelanin levels., pathway: Pigment biosynthesis; melanin biosynthesis., similarity: Belongs to the tyrosinase family., subunit: Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.



Western blot analysis of 1) Human Brain, 2) Mouse Brain, 3) Rat Brain Tissue Lysate using TRP2/DCT (TDY1035) Mouse Monoclonal mAb diluted at 1:5,000.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using TRP2/DCT (TDY1035) Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using TRP2/DCT (TDY1035) Mouse Monoclonal antibody diluted at 1:200.