



TRP2 DCT Mouse mAb(2A10)

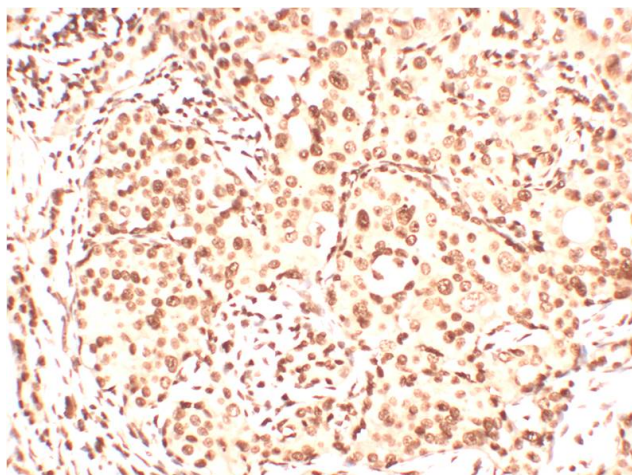
Catalog No	YP-Ab-04789
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	IHC;WB
Gene Name	DCT TYRP2
Immunogen	Synthesized peptide derived from human TRP2 DCT
Specificity	This antibody detects endogenous levels of TRP2 DCT at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.28% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:50-200 ,WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DCT;1B3D4;DT;EC:5.3.3.12;L-dopachrome Delta-isomerase;TRP2 DCT;DCT TYRP2;L-dopachrome tautomerase (DCT) (DT) (EC 5.3.3.12) (L-dopachrome Delta-isomerase) (Tyrosinase-related protein 2) (TRP-2) (TRP2)
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Melanosome membrane ; Single-pass type I membrane protein . Melanosome . Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38. .
Tissue Specificity	Liver,Lymphnode melanoma metastases,Mammary gland,Melanoma,
Function	catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate., cofactor:Binds 2 zinc ions per subunit.,function:Involved in regulating eumelanin and phaeomelanin levels.,pathway:Pigment biosynthesis; melanin biosynthesis., similarity:Belongs to the tyrosinase family.,subunit:Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.,
Background	

matters needing attention

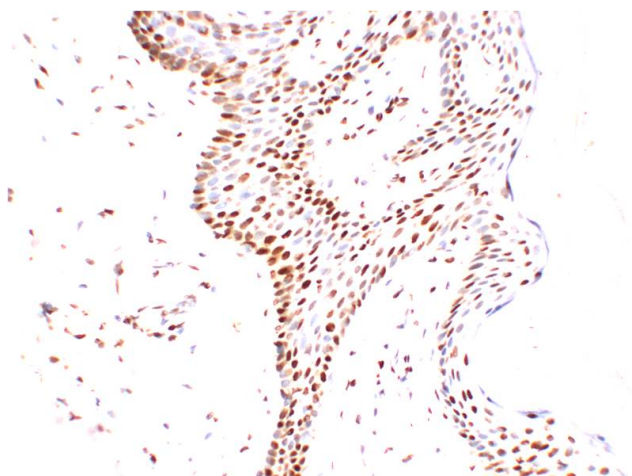
Avoid repeated freezing and thawing!

Usage suggestions

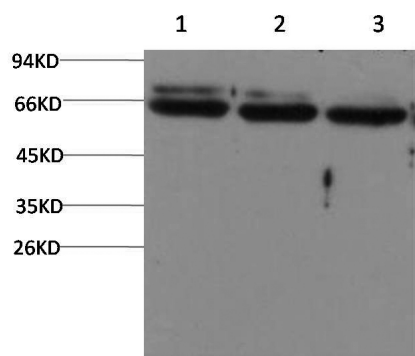
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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



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



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