



TRP2 Polyclonal Antibody

Catalog No	YP-Ab-02804
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	DCT
Immunogen	The antiserum was produced against synthesized peptide derived from human DCT. AA range:51-100
Specificity	TRP2 Polyclonal Antibody detects endogenous levels of TRP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DCT;DT;EC:5.3.3.12;L-dopachrome Delta-isomerase;L-dopachrome tautomerase;TRP2;TYRP2;Tyrosinase-related protein 2;TRP-2
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	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.,



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matters needing attention

Avoid repeated freezing and thawing!

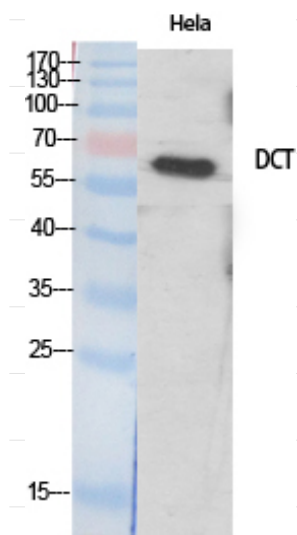
Usage suggestions

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

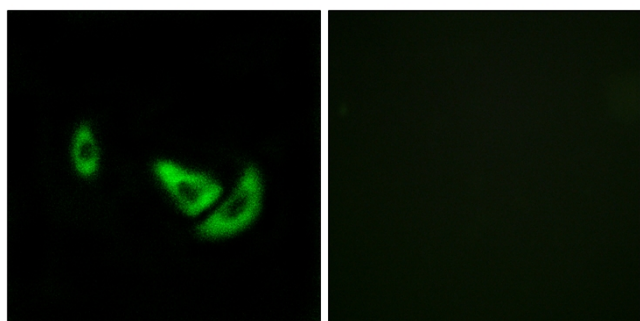


Products Images

Western Blot analysis of various cells using TRP2 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunofluorescence analysis of A549 cells, using DCT Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using DCT Antibody. The lane on the right is blocked with the synthesized peptide.

