

# TRP2 DCT Mouse Monoclonal Antibody(2A10)

Catalog No.: RA10295

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	~60KD

### Applications

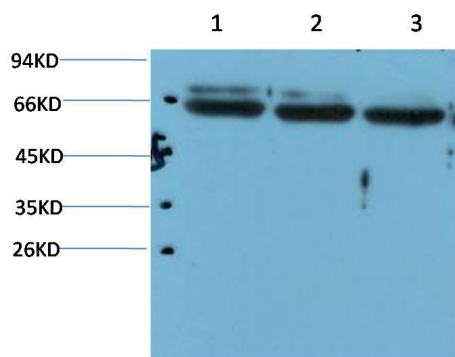
### Recommended Dilution

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

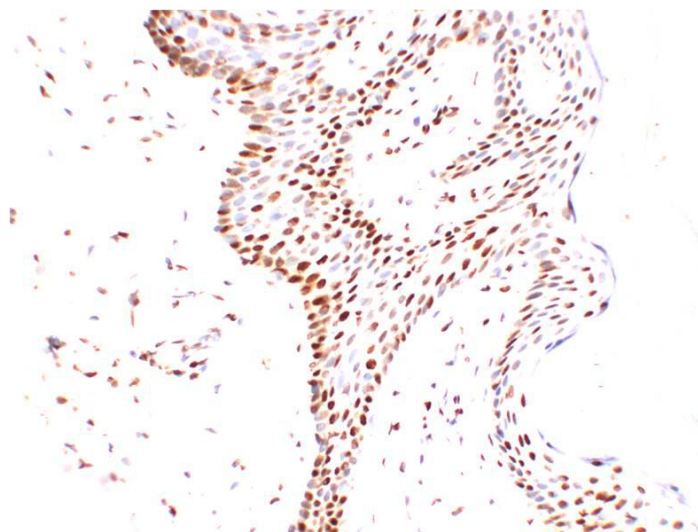
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



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.



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

## 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.