Product Name: TRP1 (8L13) Rabbit Monoclonal Antibody
Catalog #: AMRe19308

Summary

Production Name	TRP1 (8L13) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TYRP1
Alternative Names	CAS2; CATB; GP75; OCA3; TRP1;TYRP; TYRP1; TYRRP;
Gene ID	7306.0
SwissProt ID	P17643.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	61kDa

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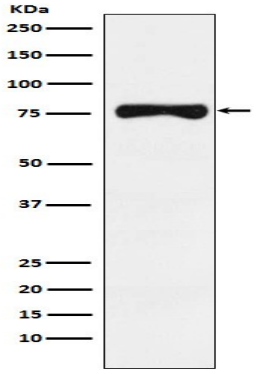
Background

Oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid. May regulate or influence the type of melanin synthesized. Plays a role in melanin biosynthesis (PubMed:22556244, PubMed:16704458). Catalyzes the oxidation of 5,6-dihydroxyindole-2- carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid in the presence of bound Cu(2+) ions, but not in the presence of Zn(2+) (PubMed:28661582). May regulate or influence the type of melanin synthesized (PubMed:22556244, PubMed:16704458). Also to a lower extent, capable of hydroxylating tyrosine and producing melanin (By similarity).

Research Area

Image Data



Western blot analysis of TRP1 expression in Human melanoma lysate.

Note

For research use only.