

Product Datasheet

Tyrosinase-Related Protein-1 Antibody / TRP1 / TYRP1 (orb2637228)

Catalog Number	orb2637228
Category	Antibodies
Description	It reacts with a 75kDa melanocyte-specific gene product, identified as Tyrosinase-related protein-1 (TRP-1). It is involved in melanin synthesis. TRP1 is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP-1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. TRP-1 is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein A affinity
Immunogen	Recombinant human TYRP1 protein was used as the immunogen for the Tyrosinase-Related Protein-1 antibody.
UniProt ID	P17643
Tested applications	IHC-P

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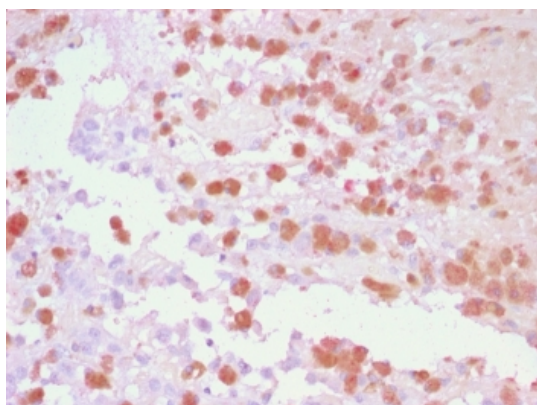
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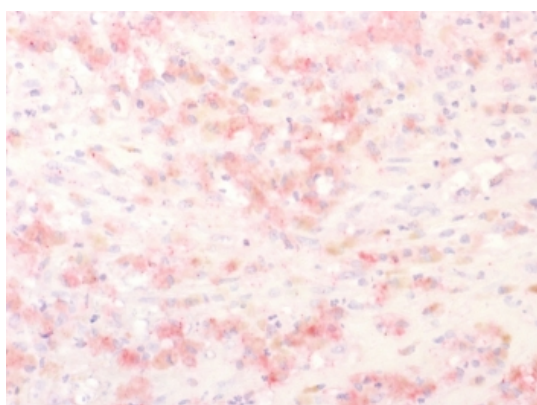
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Dilution range	Immunohistochemistry (FFPE): 5-10ug/ml
Application notes	Optimal dilution of the Tyrosinase-Related Protein-1 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human melanoma tissue with Tyrosinase-Related Protein-1 antibody using AEC Chromogen (red). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human melanoma tissue with Tyrosinase-Related Protein-1 antibody using AEC Chromogen (red). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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