

Product Datasheet

TRP1 / Tyrosinase-Related Protein-1 Antibody (orb606412)

Catalog Number	orb606412
Description	Tyrosinase-Related Protein-1 / TYRP1 / TRP1 is involved in melanin synthesis. It is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. It is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC-P
Immunogen	A portion of amino acids 257-377 was used as the immunogen for this recombinant TRP1 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
Application notes	The optimal dilution of the recombinant TRP1 antibody for each application should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Isotype	Rabbit IgG, kappa

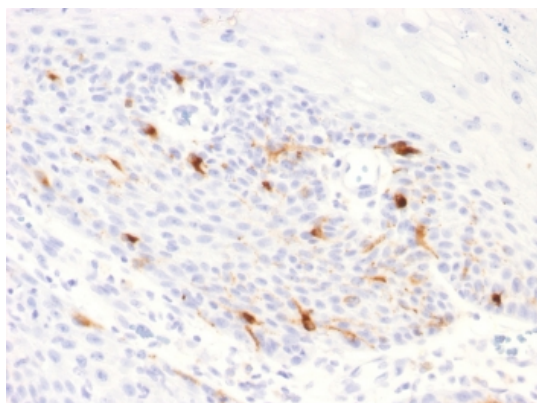
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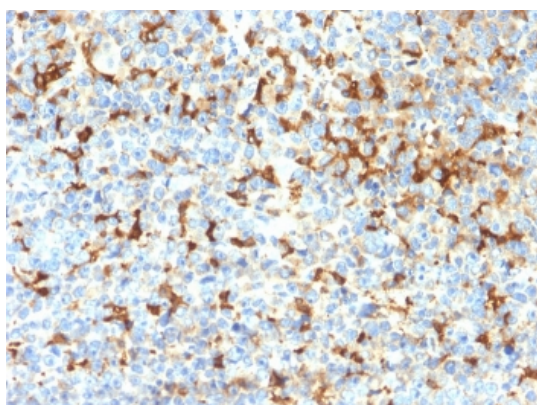
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Clonality	Recombinant
Clone Number	TYRP1/2340R
Antibody Type	Primary Antibody
Uniprot ID	P17643
Hazard Information	This recombinant TRP1 antibody is available for research use only.
Dilution Range	ELISA: 2-4ug/ml (order BSA/azide-free format),Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Expiration Date	12 months from date of receipt.



IHC testing of FFPE human basal cell carcinoma with recombinant TRP1 antibody (clone TYRP1/2340R). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



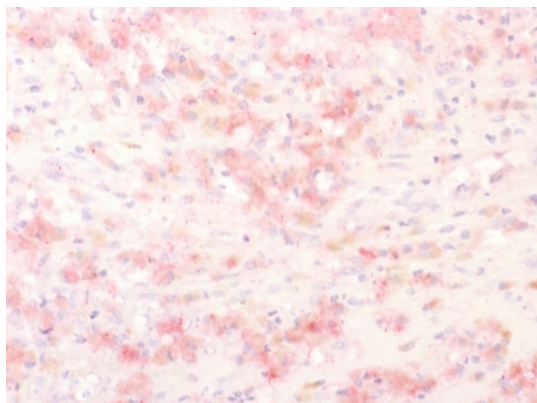
IHC testing of FFPE human melanoma with recombinant TRP1 antibody (clone TYRP1/2340R). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

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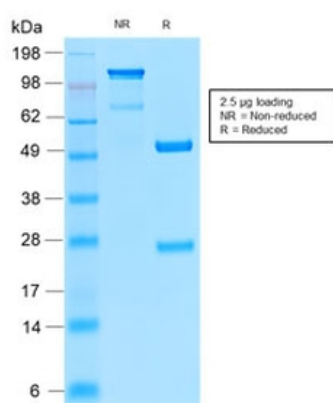
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IHC testing of FFPE human melanoma with recombinant TRP1 antibody (clone TYRP1/2340R). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant TRP1 antibody (clone TYRP1/2340R) as confirmation of integrity and purity.

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