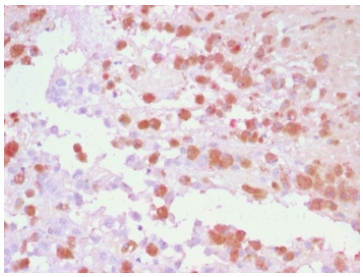
Tyrosinase-Related Protein-1 Antibody / TRP1 / TYRP1 (V8898)

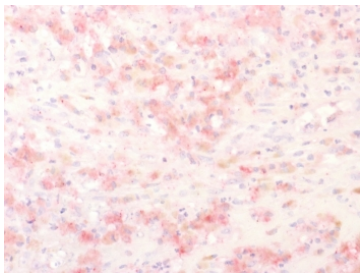
Catalog No.	Formulation	Size
V8898-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8898-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8898SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity
UniProt	P17643
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 5-10ug/ml
Limitations	This Tyrosinase-Related Protein-1 antibody is available for research use only.



IHC staining of FFPE human melanoma tissue with Tyrosinase-Related Protein-1 antibody using AEC Chromogen (red). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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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.

Application Notes

Optimal dilution of the Tyrosinase-Related Protein-1 antibody should be determined by the researcher.

Immunogen

Recombinant human TYRP1 protein was used as the immunogen for the Tyrosinase-Related Protein-1 antibody.

Storage

Aliquot the Tyrosinase-Related Protein-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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