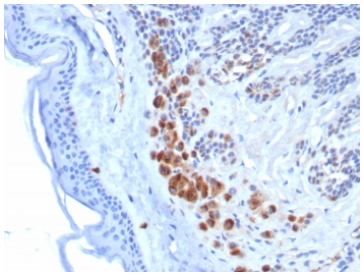
# Tyrosinase-Related Protein-1 Antibody / TYRP1 [clone TYRP1/8313R] (V5282)

| Catalog No. | Formulation | Size |
|---|---|---|
| V5282-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V5282-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V5282SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

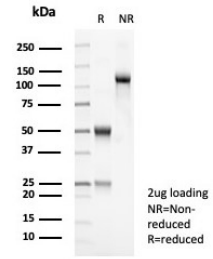
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | TYRP1/8313R |
| **Purity** | Protein A affinity |
| **UniProt** | P17643 |
| **Localization** | Cytoplasm |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT |
| **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 (clone TYRP1/8313R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free Tyrosinase-Related Protein-1 antibody (clone TYRP1/8313R) as confirmation of integrity and purity.

## 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

A recombinant partial protein sequence (within amino acids 200-400) from the human 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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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