

bs-15510R**[Primary Antibody]****BioSS**
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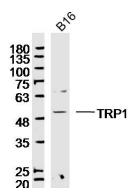
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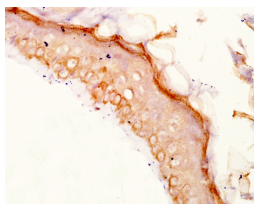
400-901-9800

TYRP1 Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 7306 Target: TYRP1 Immunogen: KLH conjugated synthetic peptide derived from human TYRP1: 101-200/537. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: TRP1 is a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Defects in this gene are the cause of rufous oculocutaneous albinism and oculocutaneous albinism type III.	Isotype: IgG SWISS: P17643	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Cow, Horse) Predicted MW.: 58 kDa Subcellular Location: Cytoplasm
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VALIDATION IMAGES

Sample: B16 (Mouse) cell Lysate at 40 ug Primary:
Anti-TYRP1(bs-15510R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 58 kD
Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (Human skin); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Tyrosinase-related protein 1) Polyclonal Antibody, Unconjugated (bs-15510R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=7.971]** Dvir Netanely. et al. Classification of node-positive melanomas into prognostic subgroups using keratin, immune, and melanogenesis expression patterns. *Oncogene*. 2021 Feb;;1-14 IHC ;Human. 33564068
- **[IF=5.395]** Shubin Chong. et al. Silk Fibroin-Based Hydrogel Microneedles Deliver α -MSH to Promote Melanosome Delivery for Vitiligo Treatment. *ACS BIOMATERIALS-SCI ENG*. 2023;XXXX(XXX):XXX-XXX WB ;Mouse. 37115665
- **[IF=1.65]** Han, Joon - Seung, Jong Hwan Sung, and Seung Kwon Lee. "Antimelanogenesis Activity of Hydrolyzed Ginseng Extract (GINST) via Inhibition of JNK Mitogen - activated Protein Kinase in B16F10 Cells." *Journal of Food Science* (2016). WB ;="Mouse". 27356239
- **[IF=2]** Zi-yi Xia. et al. Loureirin A Promotes Cell Differentiation and Suppresses Migration and Invasion of Melanoma Cells via WNT and AKT/mTOR signaling Pathways. *BIOL PHARM BULL*. 2024 Jan 10 WB ;Mouse,Human. 38199251
- **[IF=1.35]** Cui, Yucong, et al. "The expression of KRT2 and its effect on melanogenesis in alpaca skins." *Acta*

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histochemica (2016). WB ;="Others". 27265811