

Datasheet for ABIN573956
anti-TYR antibody (AA 1-433)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 250 µL |
| Target: | TYR |
| Binding Specificity: | AA 1-433 |
| Reactivity: | Human, Dog, Cat |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This TYR antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) |

Product Details

| | |
|--------------|--|
| Brand: | IHC-plus™ |
| Immunogen: | Recombinant tyrosinase protein. Epitope: 1-433. Type of Immunogen: Recombinant protein |
| Clone: | T311 |
| Isotype: | IgG2a |
| Specificity: | Recognizes a cluster of proteins between 70-80kD, identified as human tyrosinase. Occasionally a minor band at 55kD is also detected. Does not cross-react with MAGE-1 and tyrosinase-related protein 1, TRP-1/gp75. Species cross-reactivity: canine and feline. Weak cross-reactivity with mouse. |

Product Details

Purification: Protein A purified

Target Details

Target: TYR

Alternative Name: Tyrosinase ([TYR Products](#))

Background: Name/Gene ID: TYR

Synonyms: TYR, CMM8, LB24-AB, SHEP3, SK29-AB, Monophenol monooxygenase, Tumor rejection antigen AB, OCA1A, Tyrosinase, OCA1A

Gene ID: 7299

UniProt: [P14679](#)

Application Details

Application Notes: Approved: ELISA, ICC, IF, IHC, IHC-P (10 µg/mL), WB (1 - 2 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.2 % BSA, 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

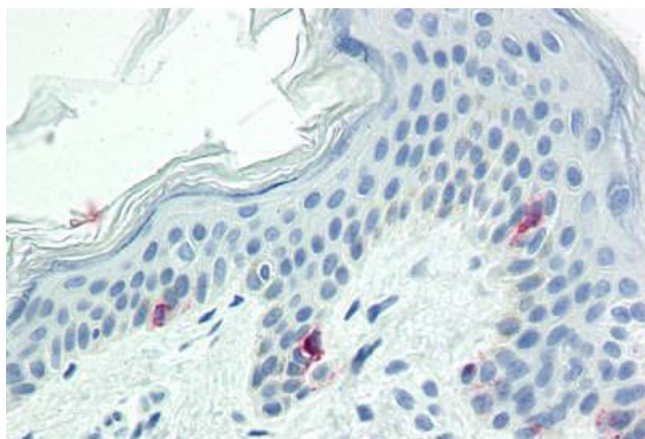
should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C, -20 °C

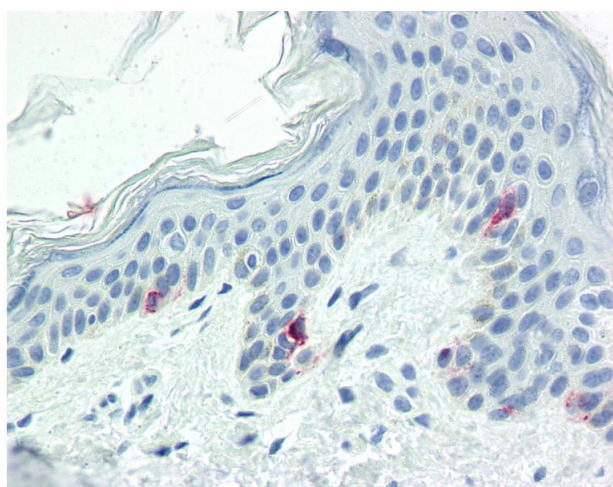
Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Skin (formalin-fixed, paraffin-embedded) stained with TYR antibody ABIN573956 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-Tyrosinase antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.