

Datasheet for ABIN239801
anti-AADAT antibody (Internal Region)



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2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | AADAT |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AADAT antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic 17 amino acid peptide from internal region of human AADAT. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%), Monkey (88%), Dog, Elephant (82%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human AADAT. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except TARSL2 (47 %). |
| Predicted Reactivity: | Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset (100%) Monkey (88%) Dog, Elephant (82%). |
| Purification: | Immunoaffinity purified |

Target Details

Target: AADAT

Alternative Name: KATII / AADAT ([AADAT Products](#))

Background: Name/Gene ID: AADAT

Synonyms: AADAT, 2-aminoadipate transaminase, KAT2, KAT/AadAT, KATII, Kynurenine aminotransferase II, Aminoadipate aminotransferase

Gene ID: 51166

Application Details

Application Notes: Approved: IHC, IHC-P (5 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 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, less than 0.1 % sodium azide.

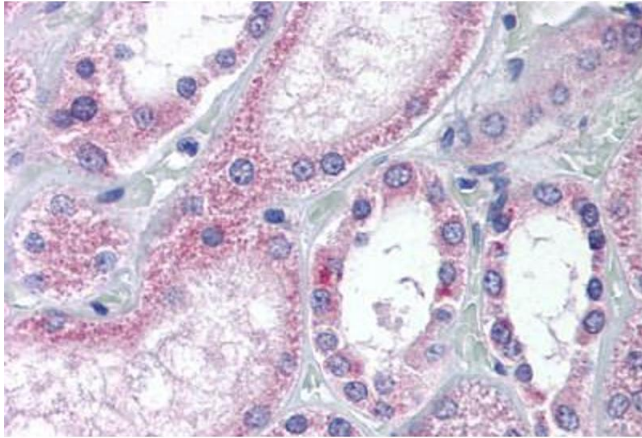
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

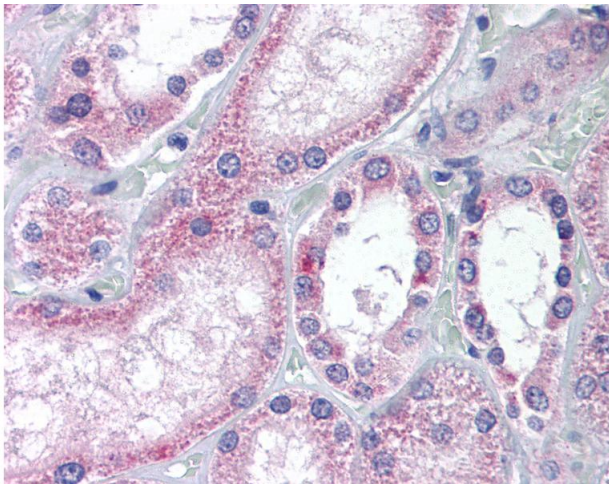
Storage Comment: Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.

Expiry Date: 12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney (formalin-fixed, paraffin-embedded) stained with AADAT antibody ABIN239801 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-AADAT antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.