

Datasheet for 600-401-J09**KAT II Antibody****Overview**

Description:	Anti-KAT II (RABBIT) Antibody - 600-401-J09
Item No.:	600-401-J09
Size:	100 µg
Reactivity:	Mouse
Host Species:	Rabbit

Product Details

Background:	Kynurenine aminotransferase II (KATII) is the major enzyme responsible for the synthesis of the endogenous neuroprotectant kynurenic acid in the brain. Anti-KAT II antibody is ideal for researchers interested in Metabolism and Signal Transduction research.
Synonyms:	rabbit anti-Kat II antibody, Kat-II, Kat2, Kat 2, Aadat, Kynurenine/alpha-aminoadipate aminotransferase, KAT/AadAT, 2-aminoadipate aminotransferase, 2-aminoadipate transaminase, Alpha-aminoadipate aminotransferase, Kynurenine aminotransferase II, Kynurenine-oxoglutarate aminotransferase II, Kynurenine-oxoglutarate transaminase 2, Kynurenine-oxoglutarate transaminase II
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	Aadat
Reactivity:	Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	KAT II affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the N terminus of mouse KAT II.

Purity/Specificity: Anti-KAT II was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with human, rat, and mouse based on 100% sequence homology. Cross-reactivity with KAT II from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q8N5Z0](#)

Application Details

Application Note: Anti-KAT II antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~49kDa corresponding to the appropriate cell lysate or extract.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1: 10,000

WB: 1ug/ml

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.05mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 30% Glycerol

Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

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