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Datasheet for ABIN7450521  
**anti-OAT antibody (AA 25-75)**

### Overview

Quantity:	100 µg
Target:	OAT
Binding Specificity:	AA 25-75
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAT antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-OAT Antibody, Affinity Purified
Immunogen:	Between AA 25 and 75
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	OAT
Alternative Name:	OAT ( <a href="#">OAT Products</a> )
Background:	Background: Ornithine aminotransferase (OAT) is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and

## Target Details

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GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy [taken from NCBI Entrez Gene (Gene ID: 4942)].

Gene ID: 4942

UniProt: [P04181](#)

## Application Details

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Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months