

Recombinant ALDH5A1/SSADH Monoclonal Antibody

catalog number: **AN301828L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

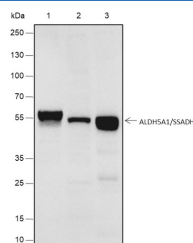
Description

Reactivity	Human;
Immunogen	Recombinant human ALDH5A1/SSADH fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A540
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:200-1:1000
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Data



Western Blot with ALDH5A1/SSADH Monoclonal Antibody at dilution of 1:1000. Lane 1: A431, Lane 2: HepG2, Lane 3: Human liver

Observed-MW: 54, 57 kDa

Calculated-MW: 57 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

ALDH5A1 catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA, 4-aminobutyrate; gamma-aminobutyrate). GABA, a derivative of the excitatory neurotransmitter glutamate, is the primary inhibitory neurotransmitter in the central nervous system. Following release and interaction with postsynaptic receptors, GABA is resorbed into the presynaptic neurons and is either reused or metabolized.

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