

Datasheet for ABIN2789499
anti-AASS antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	AASS
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AASS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human AASS
Sequence:	HHHLVRKTDA VYDPAEYDKH PERYISRFNT DIAPYTTCLI NGIYWEQNTF
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against AASS. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AASS
Alternative Name:	AASS (AASS Products)
Background:	This gene encodes a bifunctional enzyme that catalyzes the first two steps in the mammalian

Target Details

lysine degradation pathway. The N-terminal and the C-terminal portions of this enzyme contain lysine-ketoglutarate reductase and saccharopine dehydrogenase activity, respectively, resulting in the conversion of lysine to alpha-amino adipic semialdehyde. Mutations in this gene are associated with familial hyperlysinemia.

Alias Symbols: LKRSDH, LORS DH, LKR/SDH

Protein Size: 511

Molecular Weight: 56 kDa

Gene ID: 10157

NCBI Accession: [NM_005763](#), [NP_005754](#)

UniProt: [Q9UDR5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

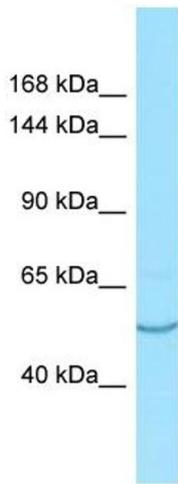
Preservative: Sodium azide

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

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.