

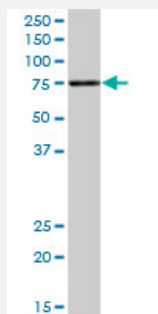
MaxPab®

ACSS1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084532-B01P

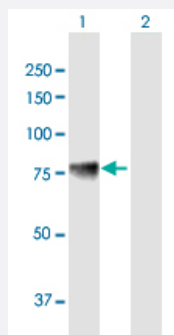
Size 50 ug

Applications



Western Blot (Tissue lysate)

ACSS1 MaxPab polyclonal antibody. Western Blot analysis of ACSS1 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of ACSS1 expression in transfected 293T cell line ([H00084532-T01](#)) by ACSS1 MaxPab polyclonal antibody.

Lane 1: ACSS1 transfected lysate(75.79 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACSS1 protein.

Immunogen

ACSS1 (AAH39261.1, 1 a.a. ~ 689 a.a) full-length human protein.

Sequence	MAARTLGRGVGRLLGSLRGLSGQPARPPCGVSAPRRAASGPSGSAPAVAAAAAQPGSYPALSA QAAREPAAFWGPLARDTLVWDTPYHTVWDCDFSTGKIGWFLGGQLNVSVNCLDQHVRKSPES VALWERDEPGTEVRITYRELLETCRLANTLKRHGVHRGDRVAIMPVSPLAVAAMLACARIGAV HTVIFAGFSAESLAGRINDAKCKVVITFNQGLRGGRVVELKKIVDEAVKHCPTVQHVLVAHRTDNK VHMGDLDPLEQEMAKEDPVCAPESMGSEDMLFMLYTSGSTGMPKGIVHTQAGYLLYAALTHKL VFDHQP GDIFGCVADIGWITGHSYVVYGPLCNGATSVLFESTPVYPNAGRYWETVERLKINQFYGA PTAVRLLLKYGDAWVKKYDRSSLRTLGSVGEPINCEAWEWLHRVVGDSRCTLVDTWWQTETGGI CIAPRPSEEGAEILPAMAMRPFFGMPVLMDEKGSVMEGSNVSGALCISQAWPGMARTYGDHQR FVDAYFKAYPGYYFTGDGAYRTEGGYYQITGRMDDVINISGHRGLGTAEIEDAIADHPAVPESAVIGYP HDIKGAAFAFIVVKDSAGDSDVVVQELKSMVATKIAYAVPDEILVVKRLPKTRSGKVMRRLLRKI ITSEAQELGDTTTLLEDPSIIAEILSVYQKCKDKQAAAK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ACSS1 MaxPab polyclonal antibody. Western Blot analysis of ACSS1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACSS1 expression in transfected 293T cell line ([H00084532-T01](#)) by ACSS1 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ACSS1

Entrez GeneID [84532](#)

GeneBank Accession# [BC039261.1](#)

Protein Accession#	AAH39261.1
Gene Name	ACSS1
Gene Alias	ACAS2L, AceCS2L, FLJ45659, MGC33843
Gene Description	acyl-CoA synthetase short-chain family member 1
Gene Ontology	Hyperlink
Gene Summary	An acetyl-CoA synthetase found in the mitochondrial matrix has been characterized in both cow and mouse. It is primarily a cardiac enzyme which produces acetyl-CoA mainly for the oxidation of acetate. The protein encoded by this gene is structurally similar to the cow and mouse proteins and therefore may serve a similar function in humans. [provided by RefSeq]
Other Designations	OTTHUMP00000030466 OTTHUMP00000030470 OTTHUMP00000030471 OTTHUMP00000030472 acetyl-Coenzyme A synthetase 2 (AMP forming)-like

Pathway

- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)
- [Reductive carboxylate cycle \(CO2 fixation\)](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)

- [Tobacco Use Disorder](#)