

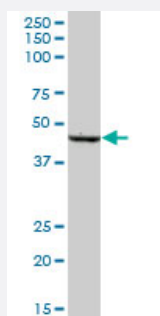
MaxPab®

SCLY purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051540-B01P

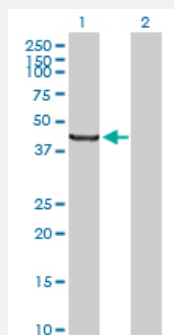
Size 50 ug

Applications



Western Blot (Tissue lysate)

SCLY MaxPab polyclonal antibody. Western Blot analysis of SCLY expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of SCLY expression in transfected 293T cell line ([H00051540-T01](#)) by SCLY MaxPab polyclonal antibody.

Lane 1: SCLY transfected lysate(48.95 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

SCLY (NP_057594.2, 1 a.a. ~ 445 a.a) full-length human protein.

Sequence

MEAAVAPGRDAPAPAASQPSGCGKHNSPERKVYMDYNATTPLEPEVIQAMTKAMWEAWGNPS
SPYSAGRKAKDIINAARES LAKMIGGKPDIIFTSGGTESNNLVHSVVKHFHANQTSKGHTGGHHS
PVKGAKPHFITSSVEHDSIRLPLEHLVEEQVAAVTFVPVSKVSGQTEVDLILAAVRPTTRLVTIMLA
NNETGVMMPVPEISQRIKALNQERVAAGLPPILVHTDAAQALGKQRVDVEDLGVDFTLVGHKFYGP
RIGALYIRGLGEFTPLYPMLFGGGQERNFRPGTENTPMIAGLGKAAELVTQNC EAYEAHMRDVRDY
LEERLEAEFGQKRIHLNSQFPGTQRLPNTCNFSIRGPRLQGHVVLAQCRVLMASVGAACHSDHG
DQPSPVLLSYGVPFDVARNALRLSVGRSTTRA EVDLVVQDLKQAVAQLEDQA

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
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)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — SCLY

Entrez GeneID	51540
GeneBank Accession#	NM_016510.3
Protein Accession#	NP_057594.2
Gene Name	SCLY
Gene Alias	SCL
Gene Description	selenocysteine lyase
Omim ID	611056
Gene Ontology	Hyperlink

Gene Summary

Selenocysteine lyase (SCLY; EC 4.4.1.16) catalyzes the pyridoxal 5-prime phosphate-dependent conversion of L-selenocysteine to L-alanine and elemental selenium (Mihara et al., 2000 [PubMed 10692412]).[supplied by OMIM]

Other Designations

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Pathway

- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Tobacco Use Disorder](#)