

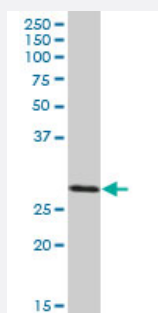
MaxPab®

SCO1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006341-B01P

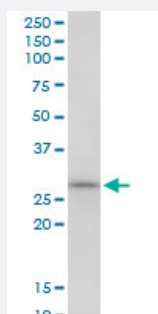
Size 50 ug

Applications



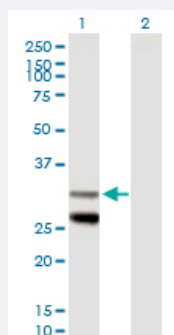
Western Blot (Tissue lysate)

SCO1 MaxPab polyclonal antibody. Western Blot analysis of SCO1 expression in human liver.



Western Blot (Cell lysate)

SCO1 MaxPab polyclonal antibody. Western Blot analysis of SCO1 expression in HeLa.

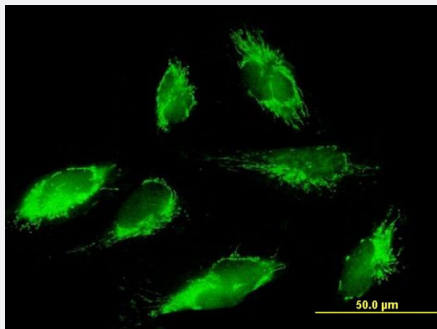


Western Blot (Transfected lysate)

Western Blot analysis of SCO1 expression in transfected 293T cell line ([H00006341-T01](#)) by SCO1 MaxPab polyclonal antibody.

Lane 1: SCO1 transfected lysate(33.11 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SCO1 on HepG2 cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SCO1 protein.
Immunogen	SCO1 (NP_004580.1, 1 a.a. ~ 301 a.a) full-length human protein.
Sequence	MAMLVLPGRVMRPLGGQLWRFLPRGLEFWGPAEGTARVLLRQFCARQAEAWRASGRPGYCL GTRPLSTARPPPPWSQKGP GDSTRPSKGPVSWKSLAITFAIGGALLAGMKHVKKEKA EKLEKE RQRHIGKPLLGGPFSLTTHTGERKTDKDYLGQWLLIYFGFTHCPDVCPEELEKMIQVVDEIDSITTL PDLTPLFISIDPERDTKEA IANYVKEFSPKLVGLTGTREEVDQVARAYRVYYSPGPKDEDEDYVDH TIIMYLIGPDGEFLDYFGQNKRKGEIAASIATHMRPYRKKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69); Rat (67)
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)

SCO1 MaxPab polyclonal antibody. Western Blot analysis of SCO1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

SCO1 MaxPab polyclonal antibody. Western Blot analysis of SCO1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SCO1 expression in transfected 293T cell line ([H00006341-T01](#)) by SCO1 MaxPab polyclonal antibody.

Lane 1: SCO1 transfected lysate(33.11 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SCO1 on HepG2 cell. [antibody concentration 10 ug/ml]

Gene Info — SCO1

Entrez GeneID [6341](#)

GeneBank Accession# [NM_004589.1](#)

Protein Accession# [NP_004580.1](#)

Gene Name SCO1

Gene Alias SCOD1

Gene Description SCO cytochrome oxidase deficient homolog 1 (yeast)

Omim ID [603644](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mammalian cytochrome c oxidase (COX) catalyzes the transfer of reducing equivalents from cytochrome c to molecular oxygen and pumps protons across the inner mitochondrial membrane. In yeast, 2 related COX assembly genes, SCO1 and SCO2 (synthesis of cytochrome c oxidase), enable subunits 1 and 2 to be incorporated into the holoprotein. This gene is the human homolog to the yeast SCO1 gene. [provided by RefSeq]

Other Designations cytochrome oxidase deficient homolog 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)