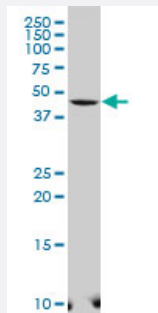


SELI polyclonal antibody (A01)

Catalog # H00085465-A01

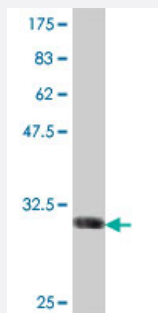
Size 50 uL

Applications



Western Blot (Cell lysate)

SELI polyclonal antibody (A01), Lot # 060529JCS1 Western Blot analysis of SELI expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (31.61 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SELI.
Immunogen	SELI (NP_277040, 1 a.a. ~ 50 a.a) partial recombinant protein with GST tag.
Sequence	MAGYEYVSPEQLAGFDKYKYSVDTNPLSLYV/MHPFWNTIVKVFTWLAP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (98)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (31.61 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SELI polyclonal antibody (A01), Lot # 060529JCS1 Western Blot analysis of SELI expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SELI

Entrez GeneID

[85465](#)

GeneBank Accession#

[NM_033505](#)

Protein Accession#

[NP_277040](#)

Gene Name

SELI

Gene Alias

KIAA1724

Gene Description

selenoprotein I

Omim ID

[607915](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Metabolic control of T FH cells and humoral immunity by phosphatidylethanolamine.](#)

Guotong Fu, Clifford S Guy, Nicole M Chapman, Gustavo Palacios, Jun Wei, Peipei Zhou, Lingyun Long, Yong-Dong Wang, Chenxi Qian, Yogesh Dhungana, Hongling Huang, Anil Kc, Hao Shi, Sherri Rankin, Scott A Brown, Amanda Johnson, Randall Wakefield, Camenzind G Robinson, Xueyan Liu, Anthony Sheyn, Jiyang Yu, Suzanne Jackowski, Hongbo Chi.

Nature 2021 Jul; 595(7869):724.

Application: WB, Mouse, SMARTA cell

- [Mutations in the selenocysteine insertion sequence-binding protein 2 gene lead to a multisystem selenoprotein deficiency disorder in humans.](#)

Schoenmakers E, Agostini M, Mitchell C, Schoenmakers N, Papp L, Rajanayagam O, Padidela R, Ceron-Gutierrez L, Doffinger R, Prevosto C, Luan J, Montano S, Lu J, Castanet M, Clemons N, Groeneveld M, Castets P, Karbaschi M, Aitken S, Dixon A, Williams J, Campi I, Blount M, Burton H, Muntoni F, O'Donovan D, Dean A, Warren A, Brierley C, Baguley D, Guicheney P, Fitzgerald R, Coles A, Gaston H, Todd P, Holmgren A, Khanna KK, Cooke M, Semple R, Halsall D, Wareham N, Schwabe J, Grasso L, Beck-Peccoz P,.

The Journal of Clinical Investigation 2010 Dec; 120(12):4220.

Application: WB-Ce, Human, Fibroblasts

Disease

- [Anemia](#)