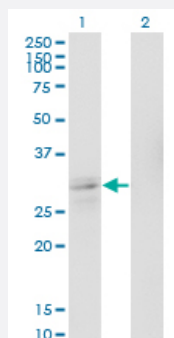


ASCL1 polyclonal antibody (A01)

Catalog # H00000429-A01

Size 50 uL

Applications

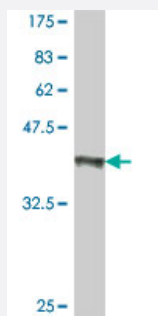


Western Blot (Transfected lysate)

Western Blot analysis of ASCL1 expression in transfected 293T cell line by ASCL1 polyclonal antibody (A01).

Lane1:ASCL1 transfected lysate (Predicted MW: 25.5 KDa).

Lane2:Non-transfected lysate.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ASCL1.
Immunogen	ASCL1 (NP_004307, 137 a.a. ~ 236 a.a) partial recombinant protein with GST tag.
Sequence	GFATLREHVPNGAANKKMSKVETLRSAVEYIRALQQLLDEHDAVSAAFQAGVLSPTISPNYSNDL NSMAGSPVSSYSDEGSYDPLSPREEQLLDFTNWF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

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

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ASCL1 expression in transfected 293T cell line by ASCL1 polyclonal antibody (A01).

Lane1:ASCL1 transfected lysate (Predicted MW: 25.5 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ASCL1

Entrez GeneID

[429](#)

GeneBank Accession#

[NM_004316](#)

Protein Accession#

[NP_004307](#)

Gene Name

ASCL1

Gene Alias

ASH1, HASH1, MASH1, bHLHa46

Gene Description

achaete-scute complex homolog 1 (Drosophila)

Omim ID

[100790 209880](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal commitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases. [provided by RefSeq]

Other Designations

achaete scute protein|achaete-scute complex homolog 1|achaete-scute complex-like 1

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Sudden Infant Death](#)