

Ascl3 (mouse) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3436a**Specification**

Ascl3 (mouse) Antibody (internal region) - Product Information

Application	WB
Primary Accession	O9NQ33
Other Accession	NP_064435.1 , 56676 , 56787 (mouse)
Reactivity	Human, Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	20928

Ascl3 (mouse) Antibody (internal region) - Additional Information**Gene ID** 56676**Other Names**

Achaete-scute homolog 3, ASH-3, hASH3, Class A basic helix-loop-helix protein 42, bHLHa42, bHLH transcriptional regulator Sgn-1, ASCL3, BHLHA42, HASH3, SGN1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Ascl3 (mouse) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Ascl3 (mouse) Antibody (internal region) - Protein Information**Name** ASCL3 ([HGNC:740](#))**Synonyms** BHLHA42, HASH3, SGN1**Function**

Transcriptional repressor. Inhibits myogenesis. Plays a role in progenitor cells which differentiate into ductal and acinar, but not myoepithelial, cell lineages in the salivary glands. Involved in the functions of the microvillar cells and Bowman's glands and probably, in a non-cell-autonomous manner, in the development or regeneration of a complete olfactory epithelium (OE).

Cellular Location

Nucleus.

Tissue Location

Widely expressed in fetal and adult tissues.

Ascl3 (mouse) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Ascl3 (mouse) Antibody (internal region) - Images

AF3436a (0.1 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Ascl3 (mouse) Antibody (internal region) - References

Ascl3 expression marks a progenitor population of both acinar and ductal cells in mouse salivary glands. Bullard T, Koek L, Roztocil E, Kingsley PD, Mirels L, Ovitt CE, Developmental biology 2008 Aug 320 (1): 72-8. PMID: 18572159