

Datasheet for ABIN7179685
anti-ASCL1 antibody (AA 1-196) (HRP)



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Overview

Quantity:	100 µg
Target:	ASCL1
Binding Specificity:	AA 1-196
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASCL1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Zebrafish Achaete-scute homolog 1a protein (1-196AA)
Isotype:	IgG
Cross-Reactivity:	Zebrafish (Danio rerio)
Purification:	>95%, Protein G purified

Target Details

Target:	ASCL1
Alternative Name:	ascl1a (ASCL1 Products)
Background:	Background: Transcriptional regulator. May mediate transcription activation by binding to the E box-containing promoter (By similarity). Involved in neurogenesis. Required for the development

Target Details

of neurons in the epiphysis, acting partially redundantly with neurog1 and downstream of flh. Involved in maintaining rhombomere boundaries in the hindbrain, probably via up-regulation of delta expression. Also involved in pituitary development, required cell-autonomously in adenohypophyseal cells for endocrine differentiation and for survival of a subset of cells. Aliases: ascl1a antibody, ash antibody, ash1a antibody, asha antibody, piaAchaete-scute homolog 1a antibody, Zash-1a antibody, Pituitary-absent protein antibody

UniProt: [Q90259](#)

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.