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Datasheet for ABIN4996905  
**anti-ASH1L antibody (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	ASH1L
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASH1L antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASH1L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	ASH1L
Alternative Name:	ASH1L ( <a href="#">ASH1L Products</a> )
Background:	Synonyms: Absent small and homeotic disks protein 1 homolog, Absent Small or Homeotic Like, ASH 1, ASH 1L, ash1 absent small or homeotic 1, Ash1 absent small or homeotic like, Absent small and homeotic disks protein 1 homolog, ASH1-like protein, ASH-1L, ASH1L_HUMAN, ASH1L1, huASH1, Lysine N-methyltransferase 2H, Probable histone-lysine N-

## Target Details

methyltransferase ASH1L.

Background: ASH1L is a 2,969 amino acid protein encoded by the human gene ASH1L. ASH1L belongs to the histone-lysine methyltransferase family (SET2 subfamily) and contains three AT hook DNA-binding domains, one AWS domain, one BAH domain, one bromodomain, one PHD-type zinc finger, one post-SET domain and one SET domain. It is a widely expressed nuclear protein with highest expression found in brain, heart and kidney. ASH1L is a histone methyltransferase and is believed to methylate 'Lys-4' of Histone H3, which is a specific tag for epigenetic transcriptional activation.

Gene ID: 55870

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months